ETSI TS 128 752 V11.0.1 (2013-07)



Universal Mobile Telecommunications System (UMTS);
Telecommunication management;
Subscription Management (SuM)
Network Resource Model (NRM)
Integration Reference Point (IRP);
Information Service (IS)
(3GPP TS 28.752 version 11.0.1 Release 11)



Reference
RTS/TSGS-0528752vb01

Keywords

UMTS

ETSI

650 Route des Lucioles F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C Association à but non lucratif enregistrée à la Sous-Préfecture de Grasse (06) N° 7803/88

Important notice

Individual copies of the present document can be downloaded from: <u>http://www.etsi.org</u>

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status.

Information on the current status of this and other ETSI documents is available at

http://portal.etsi.org/tb/status/status.asp

Copyright Notification

No part may be reproduced except as authorized by written permission. The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2013.
All rights reserved.

DECTTM, **PLUGTESTS**TM, **UMTS**TM and the ETSI logo are Trade Marks of ETSI registered for the benefit of its Members. **3GPP**TM and **LTE**TM are Trade Marks of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners.

GSM® and the GSM logo are Trade Marks registered and owned by the GSM Association.

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (http://ipr.etsi.org).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

This Technical Specification (TS) has been produced by ETSI 3rd Generation Partnership Project (3GPP).

The present document may refer to technical specifications or reports using their 3GPP identities, UMTS identities or GSM identities. These should be interpreted as being references to the corresponding ETSI deliverables.

The cross reference between GSM, UMTS, 3GPP and ETSI identities can be found under http://webapp.etsi.org/key/queryform.asp.

Contents

Intell	lectual Property Rights	2
Forev	word	2
Forev	word	
Intro	duction	
1	Scope	8
2	References	
3	Definitions and abbreviations	
3.1	Definitions and aboreviations.	
3.2	Abbreviations	
4	Model	
 4.1	Imported information entities and local labels	
4.1	Class diagram	
4.2.1	Relationships	
4.2.2	1	
4.2.2	Class definitions	
4.3.1	SuMService	
4.3.1. 4.3.1.		
4.3.1. 4.3.1.		
4.3.1.		
4.3.1.		
4.3.1.		
4.3.2.		
4.3.2.		
4.3.2.		
4.3.2.		
4.3.3		
4.3.3.		
4.3.3.		
4.3.3.		
4.3.3.		
4.3.4		
4.3.4.		
4.3.4.		
4.3.4.		
4.3.4.		
4.3.5	SuMSubscribedService	
4.3.5.		
4.3.5.		
4.3.5.		
4.3.5.		
4.3.6		
4.3.6.		
4.3.6.		
4.3.6.		
4.3.6.		
4.3.7		
4.3.7.		
4.3.7.		
4.3.7.		
4.3.7.		
4.3.8		
4.3.8.		
4.3.8.		
	·- · · · · · · · · · · · · · · · · · ·	

4.3.8.3	Attribute constraints	
4.3.8.4	Notifications	
4.3.9	SuMSubscriberProfile	
4.3.9.1	Definition	
4.3.9.2	Attributes	
4.3.9.3	Attribute constraints	
4.3.9.4	Notifications	
4.3.10	SuMServiceProfile	
4.3.10.1	Definition	
4.3.10.2	Attributes	
4.3.10.3	Attribute constraints	
4.3.10.4	Notifications	
4.3.11	CSServiceProfile	
4.3.11.1	Definition	
4.3.11.2	Attributes	
4.3.11.3	Attribute constraints	
4.3.11.4	Notifications	
4.3.12	GPRSSServiceProfile	
4.3.12.1	Definition	
4.3.12.2 4.3.12.3	Attributes	
4.3.12.3	Attribute constraints	
	IMSServiceProfile	
4.3.13 4.3.13.1	Definition	
4.3.13.1	Attributes	
4.3.13.2	Attributes Attribute constraints	
4.3.13.3	Notifications	
4.3.13.4	SubscriptionFunction	
4.3.14.1	Definition	
4.3.14.2	Attributes	
4.3.14.3	Attributes Attribute constraints	
4.3.14.4	Notifications	
4.3.15	SuMCSSupplService	
4.3.15.1	Definition	
4.3.15.2	Attributes	
4.3.15.3	Attribute constraints	
4.3.15.4	Notifications	
4.3.16	SuMGPRSSupplService	
4.3.16.1	Definition	
4.3.16.2	Attributes	
4.3.16.3	Attribute constraints	
4.3.16.4	Notifications	
4.3.17	SuMUser	
4.3.17.1	Definition	37
4.3.17.2	Attributes	
4.3.17.3	Attribute constraints	
4.3.17.4	Notifications	
4.3.18	SuMCredentials	38
4.3.18.1	Definition	38
4.3.18.2	Attributes	
4.3.18.3	Attribute constraints	
4.3.18.4	Notifications	38
4.3.19	IMSPublicIdentification	
4.3.19.1	Definition	
4.3.19.2	Attributes	
4.3.19.3	Attribute constraints	
4.3.19.4	Notifications	
4.3.20	MobileUserData	
4.3.20.1	Definition	
4.3.20.2	Attributes	
4.3.20.3	Attribute constraints	

4.3.20.4	Notifications	39
4.3.21	SuMServiceParameter	40
4.3.21.1	Definition	40
4.3.21.2	Attributes	40
4.3.21.3	Attribute constraints	40
4.3.21.4	Notifications	40
4.3.22	SuMIdentity	40
4.3.22.1	Definition	40
4.3.22.2	Attributes	40
4.3.22.3	Attribute constraints	40
4.3.22.4	Notifications	40
4.3.23	ServerCapabilities	40
4.3.23.1	Definition	40
4.3.23.2	Attributes	41
4.3.23.3	Attribute constraints	
4.3.23.4	Notifications	
4.3.24	EPSService	
4.3.24.1	Definition	
4.3.24.2	Attributes	
4.3.24.3	Attribute constraints	
4.3.24.4	Notifications	
4.3.25	EPSSubscribedService	
4.3.25.1	Definition	
4.3.25.2	Attributes	
4.3.25.3	Attribute constraints	
4.3.25.4	Notifications	
4.3.26	EPSServiceProfile	
4.3.26.1	Definition	
4.3.26.2	Attributes	
4.3.26.3	Attribute constraints	
4.3.26.4	Notifications	
4.3.27	PSCommonServiceProfile	
4.3.27.1	Definition	
4.3.27.1	Attributes	
4.3.27.3	Attribute constraints	
4.3.27.4	Notifications	
4.3.28	IWANParameters	
4.3.28.1	Definition	
4.3.28.2	Attributes	
4.3.28.3	Attribute constraints	
4.3.28.4	Notifications	
4.3.29	OptHandover3GPP2Parameters	
4.3.29.1	Definition	
4.3.29.2	Attributes	
4.3.29.3	Attribute constraints	
4.3.29.4	Notifications	
4.3.30	Non3GPPAccessParameters	
4.3.30.1	Definition	
4.3.30.1	Attributes	
4.3.30.3	Attributes Attribute constraints.	
4.3.30.4	Notifications	
4.3.30.4	Common3GPPAccessServiceProfile	
4.3.31.1	Definition	
4.3.31.1	Attributes	
4.3.31.2	Attributes	
4.3.31.3		
4.3.31.4 4.4	Notifications Attribute definitions	
4.4 4.4.1	Attribute properties	
4.4.1 4.4.2	Constraints	
4.4.2 4.5	Common notifications	
→)	VARIBURAL BOTH I CAHOUS	/ /

3GPP TS	28.752	version	11.0.1	Release	1	1
---------	--------	---------	--------	---------	---	---

ETSI TS 128 752 V11.0.1 (2013-07)

6

Annex A (informative):	Change history	72
History		73

Foreword

This Technical Specification has been produced by the 3rd Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

- x the first digit:
 - 1 presented to TSG for information;
 - 2 presented to TSG for approval;
 - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

Ready for Converged Management

This specification is part of a set that has been developed for converged management solutions.

Introduction

The interface Itf-N, defined in 3GPP TS 32.102 [2], is built up by a number of Integration Reference Points (IRPs) and a related Name Convention, which realise the functional capabilities over this interface. The basic structure of the IRPs is defined in 3GPP TS 32.101 [1] and 3GPP TS 32.102 [2].

The present document is part of a TS-family covering the 3rd Generation Partnership Project: Technical Specification Group Services and System Aspects; Telecommunication management, as identified below:

TS 32.140:	Subscription Management (SuM) requirements.
TS 32.141:	Subscription Management (SuM) architecture.
TS 28.751:	Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements.
TS 28.752:	Subscription Management (SuM) Network Resource Model (NRM) Integration Reference
10 20.702.	Point (IRP); Information Service (IS).

1 Scope

The present document defines the Network Resource Model (NRM) for the SuM IRP which can be communicated between an IRPAgent and IRPManagers for subscription management purposes, including in the context of converged networks.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document in the same Release as the present document.
- [1] 3GPP TS 32.101: "Telecommunication management; Principles and high level requirements". [2] 3GPP TS 32.102: "Telecommunication management; Architecture". [3] 3GPP TS 32.140: "Telecommunication management; Subscription Management (SuM) Requirements". [4] 3GPP TS 32.141: "Telecommunication management; Subscription Management (SuM) Architecture." [5] 3GPP TS 28.751: "Telecommunication management; Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements". 3GPP TS 28.622: "Telecommunication management; Generic Network Resource Model (NRM) [6] Integration Reference Point (IRP); Information Service (IS)".
- [7] 3GPP TS 23.008: "Organization of subscriber data".
- [8] 3GPP TS 29.228: "IP Multimedia (IM) Subsystem Cx and Dx interfaces; Signalling flows and message contents".

3 Definitions and abbreviations

3.1 **Definitions**

For the purposes of the present document, the following terms and definitions apply. For terms and definitions not found here, please refer to 3GPP TS 32.101 [1], 3GPP TS 32.102 [2], 3GPP TS 32.140 [3] and TS 32.141 [4].

Subscription Profile: see 3GPP TS 32.140 [3].

Subscription Profile Component: see 3GPP TS 32.140 [3].

Subscription Profile Component Definition: specifies a Subscription Profile Component.

Subscriber Profile: see 3GPP TS 32.140 [3].

User: see 3GPP TS 32.140 [3].

3.2 Abbreviations

For the purposes of the present document the following and the abbreviations in 32.101 [1], 32.102 [2], 32.140 [3] and 32.141 [4] apply.

EM Element Manager
IOC Information Object Class
IRP Integration Reference Point
MOC Managed Object Class
NE Network Element

4 Model

4.1 Imported information entities and local labels

Label reference	Local label
28.622 [6], information object class, ManagedFunction	ManagedFunction
28.622 [6], information object class, SubNetwork	SubNetwork
28.622 [6], information object class, Top	Top

4.2 Class diagram

4.2.1 Relationships

This clause depicts the set of classes (e.g. IOCs) that encapsulates the information relevant for this IRP. This clause provides an overview of the relationships between relevant classes in UML. Subsequent clauses provide more detailed specification of various aspects of these classes.



Figure 1a: SuM NRM naming diagram 1

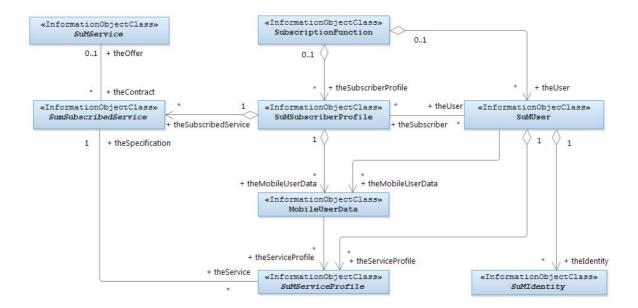


Figure 1b: SuM NRM Containment and Association diagram 1

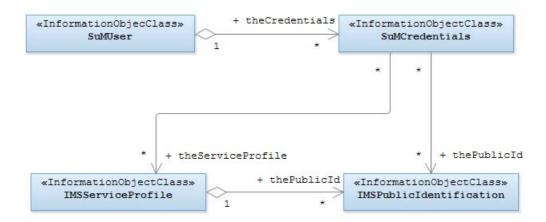


Figure 1c: SuM NRM Containment and Association diagram 2

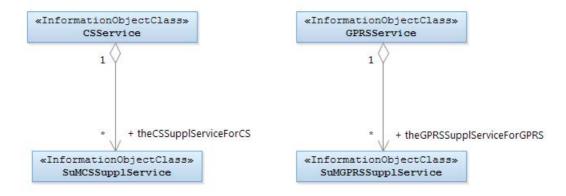


Figure 1d: SuM Supplementary Service NRM Aggregation diagram 1

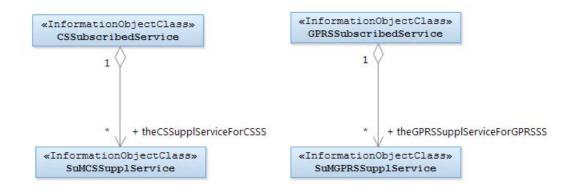


Figure 1e: SuM Supplementary Service NRM Aggregation diagram 2

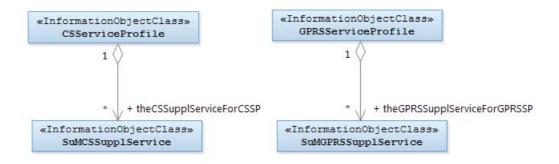


Figure 1f: SuM Supplementary Service NRM Aggregation diagram 3

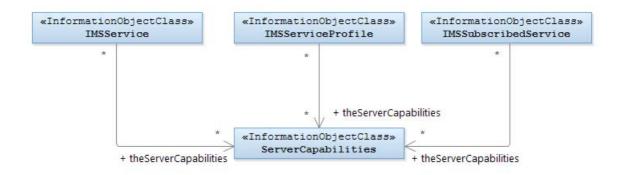


Figure 1g: SuM IMS Service Containment and Association diagram 1

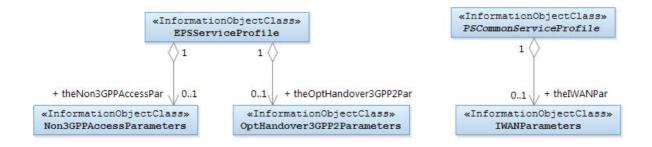


Figure 1h: Service Profile NRM Association diagram

4.2.2 Inheritance

This subclause depicts the inheritance relationships.

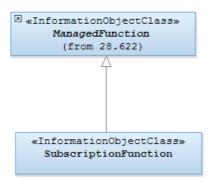


Figure 2a: SuM NRM Inheritance Hierarchy 1

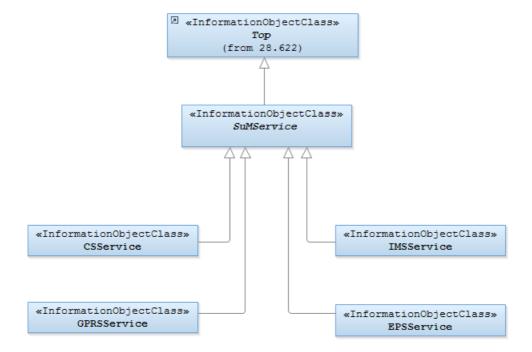


Figure 2b: SuM NRM Inheritance Hierarchy 2

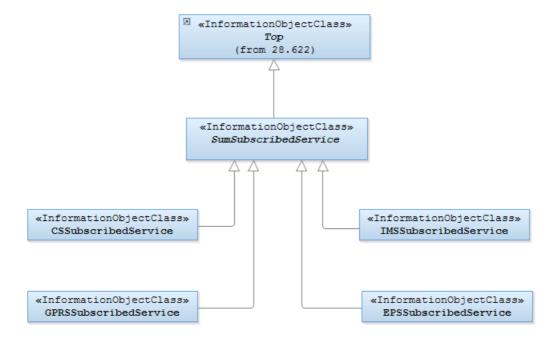


Figure 2c: SuM NRM Inheritance Hierarchy 3

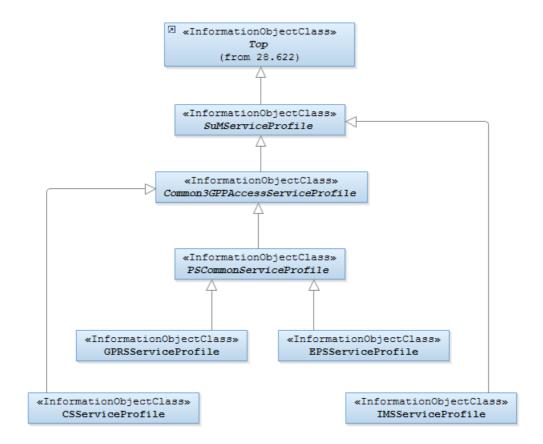


Figure 2d: SuM NRM Inheritance Hierarchy 4

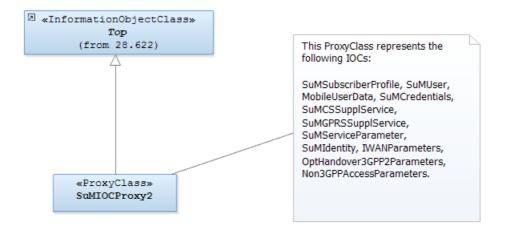


Figure 2e: SuM NRM Inheritance Hierarchy 5

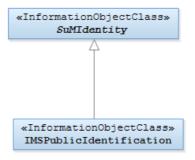


Figure 2f: SuM NRM Inheritance Hierarchy 8

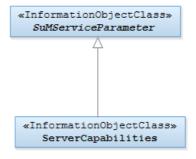


Figure 2g: SuM NRM Inheritance Hierarchy 9

4.3 Class definitions

4.3.1 SuMService

4.3.1.1 Definition

This is an abstract IOC provided for sub-classing only. It provides attribute(s) that are common to Services IOCs.

4.3.1.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
Attribute related to role					
theContract	M	M	0	-	-

4.3.1.3 Attribute constraints

None.

4.3.1.4 Notifications

None.

4.3.2 CSService

4.3.2.1 Definition

This class represents a CS service (see 3GPP TS 23.008 [7]) provided by a service provider

This class contains the valid parameters that define the CS service from subscription point of view.

4.3.2.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
networkAccessMode	M	M	M	-	-
basicMSISDNIndicator	0	M	M	_	-
mSISDNAlertIndicator	0	M	M	_	-
subscriptionRestriction	0	M	M	-	-
rSZIlists	0	M	M	_	-
lsAIdentity	0	M	M	-	-
lsaPriority	0	M	M	-	-
lSAPreferentialAccessIndicator	Ö	M	M	-	-
lSAActiveModeSupportIndicator	0	M	М	-	-
lSAOnlyAccessIndicator	0	M	M	-	-
lSAActiveModeIndicator	0	M	M	-	-
vPLMNIdentifier	0	M	M	-	-
accessRestrictionData	0	M	M	_	-
privacyExceptionList	0	M	M	_	-
qMLCNumbers	0	M	M	_	-
mOLRList	0	M	M	_	-
serviceTypes	0	M	M	_	-
mobileStationCategory	0	M	M	_	-
lMUIdentifier	0	M	M	-	-
subscriberStatus	0	M	M	_	_
gsmSCFaddresslistForODB	M	M	M	-	_
provisionOfBearerService	M	M	M	_	_
provisionOfTeleservice	M	M	M	_	_
bCAllocation	0	M	M	-	_
barringOfOutgoingCalls	0	M	M	-	_
barringOfIncomingCalls	0	M	M	-	_
barringOfRoaming	0	M	M	_	_
barringOfPremiumRateCalls	0	M	M	_	_
barringOfSupplementaryService	0	M	M		_
Management					
barringOfRegistrationOfCall	0	М	М	-	-
Forwarding					
barringOfInvocationOfCall	0	М	М	-	-
Transfer					
operatorDeterminedBarring	0	М	М	-	-
PLMNspecificData					
vGCSGroupMembershipList	0	M	М	1	-
vBSGroupMembershipList	0	M	М	1	-
broadcastCallInitiation	0	M	M	-	-
AllowedList					
originatingCAMELSubscription	0	M	M	-	-
InformationOCSI					
terminatingCAMELSubscription	0	M	M	-	-
InformationTCSI	_				
vMSCTerminatingCAMEL	0	M	M	-	-
SubscriptionInformationVTCSI					
locationInformation	0	M	M	-	-
SubscriberStateInformation					
uSSDCAMELSubscription	0	M	М	-	-
InformationUCSI sSInvocationNotificationSSCSI		M	R /I		
translationInformation	0	M M	M M	-	-
translationinformation FlagTIFCSI		IVI	IVI	-	- I
dialledServiceCAMEL	0	M	M	-	-
SubscriptionInformationDCSI		IVI	IVI	-	-
uSSDGeneralCAMELService	0	M	M	_	_
InformationUGCSI		IVI	IVI	_	
shortMessageServiceCAMEL	0	М	M	-	-
SubscriptionInformationMOSMSCSI		171	IVI		
	l	<u>I</u>	l	1	

shortMessageServiceCAMEL	0	M	M	-	-
SubscriptionInformationMTSMSCSI					
mTSMSCSIVLRNegotiatedCAMEL	0	M	M	-	-
CapabilityHandling					
gsmSCFaddressforCSI	0	M	M	-	-
iSTAlertTimer	0	M	M	-	-
cSAllocationRetentionpriority	0	M	M	-	-
iCSIndicator	0	M	M	-	-
Attribute related to role					
theCSSupplServiceForCS	0	М	0	-	-

4.3.2.3 Attribute constraints

Name Definition	
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.2.4 Notifications

None.

4.3.3 GPRSService

4.3.3.1 Definition

This class represents a GPRS service (see 3GPP TS 23.008 [7]) provided by a service provider.

This class contains the valid parameters that define the GPRS service from subscription point of view.

4.3.3.2 Attributes

Attribute name	Support Qualifier	isReadable	io\Writable	iolnyoriont	ioNetifyable
Attribute name networkAccessMode	Support Qualifier	M	isWritable	isInvariant	isNotifyable
basicMSISDNIndicator	M O	M	M M	-	-
mSISDNAlertIndicator	0	M	M	-	-
rSZIlists	0	M	M	_	_
lSAIdentity	0	M	M	-	-
lsAPriority	0	M	M	-	-
ISAPreferentialAccessIndicator	0	M	M	-	-
ISAActiveModeSupportIndicator	0	M	M	_	-
1SAOnlyAccessIndicator	0	M	M	_	_
ISAActiveModeIndicator	0	M	M	_	-
vPLMNIdentifier	0	M	M	_	-
accessRestrictionData	0	M	M	_	-
privacyExceptionList	Ö	M	M	_	-
gMLCNumbers	0	M	M	_	_
mOLRList	0	M	M	_	-
serviceTypes	0	M	M	_	-
gGSNNumber	M	M	M	_	-
provisionofTeleservice	0	M	M	_	-
transferofSMoption	M	M	M	_	-
subscriberStatus	M	M	M	-	-
barringofPacketOrientedServices	0	M	M	-	-
pDPType	0	M	M	-	-
pDPAddress	Ō	M	M	-	-
accessPointName	Ō	M	M	-	-
vPLMNAddressAllowed	0	M	М	-	-
qualityofServiceSubscribed	0	M	М	-	-
pDPContextChargingCharacteristic	0	M	М	-	-
s					
gPRSCAMELSubscriptionInformation GPRSCSI	0	M	М	-	-
mOShortMessageServiceCAMELSubscr iptionInformationMOSMSCSI	0	M	M	-	-
mTShortMessageServiceCAMELSubscr iptionInformationMTSMSCSI	0	M	M	-	-
mOSMSCSISGSNNegotiatedCAMELCapab ilityHandling	0	M	М	-	-
mTSMSCSISGSNNegotiatedCAMELCapab ilityHandling	0	M	М	-	-
mobilityManagementforGPRSeventno tificationMGCSI	0	M	М	-	-
mGCSINegotiatedCAMELCapabilityHa ndling	0	M	М	-	-
gsmSCFaddressforCSI	0	M	М	-	-
subscribedChargingCharacteristic s	0	M	М	-	-
closedSubscriberGroupInformation	0	М	M	-	-
gSMSCFaddresslistForODB	0	М	M	-	-
barringOfOutgoingCalls	0	М	M	-	-
barringOfRoaming	0	М	M	-	-
operatorDeterminedBarringPLMNspe cificData	0	M	M	-	-
sTNSR	0	М	M	-	-
iCSIndicator	0	М	M	-	-
listofauthorizedvisitednetworkid entifiers	0	М	М	-	-
wLANUERemoteIPaddress	0	М	М	-	-
staticWLANUERemoteIPAddressList	0	M	M	_	_
w-APNBarringTypeList	0	M	M	-	-
w-APNChargingDataList	0	M	M	_	_
accessDependenceFlag	0	M	M	-	-
<u> </u>		• • • • • • • • • • • • • • • • • • • •			

chargingCharacteristics	0	M	M	-	-
primaryOCSChargingFunctionName	0	M	M	-	-
secondaryOCSChargingFunctionName	0	M	M	-	-
primaryChargingCollectionFunctio	0	M	M	-	-
nName					
secondaryChargingCollectionFunct	0	M	M	-	-
ionName					
w-APNIdentifierList	0	M	M	-	-
maxNumberAccessesList	0	M	M	-	-
maxSubscribedBandwidth	0	M	M	-	-
subscribed3GPPWLANQoSProfile	0	M	M	-	-
Attribute related to role					
theGPRSSupplServiceForGPRS	0	M	0	-	-

4.3.3.3 Attribute constraints

Name	Definition		
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).		

4.3.3.4 Notifications

None.

4.3.4 IMSService

4.3.4.1 Definition

This class represents a IMS service (see 3GPP TS 23.008 [7]) provided by a service provider

This class contains the valid parameters that define the IMS service from subscription point of view.

4.3.4.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
listofauthorizedvisitednetworkid	M	M	М	-	-
entifiers					
registrationStatus	M	M	М	-	-
sCSCFName	0	M	-	-	-
diameterClientAddressofSCSCF	0	М	-	-	-
subscribedMediaProfileIdentifier	0	M	М	-	-
initialFilterCriteriaList	0	M	М	-	-
applicationServerInformation	0	M	М	-	-
serviceIndicationList	0	M	-	-	-
primaryEventChargingFunctionName	0	M	М	-	-
secondaryEventChargingFunctionNa	0	M	М	-	-
me					
primaryChargingCollectionFunctionName	M	M	M	-	-
secondaryChargingCollectionFunct	0	М	М	-	-
ionName					
gsmSCFaddressforIMCSI	0	M	M	-	-
oIMCSI	0	M	M	-	-
vTIMCSI	0	M	M	-	-
dIMCS	0	M	M	-	-
gAAServiceType	0	M	M	-	-
gAAServiceIdentifier	0	M	M	-	-
gBAUserSecuritySettings	0	M	M	-	-
userSecuritySetting	0	M	M	-	-
userPublicIdentity	0	M	M	-	-
gAAAuthorizationflag	0	M	М	-	-
keyLifetime	0	М	М	-	-
uICCSecurityType	0	М	М	-	-
nAFGroupIdentity	0	M	М	-	-
Attribute related to role					
theServerCapabilities	0	М	-	-	-

4.3.4.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.4.4 Notifications

None.

4.3.5 SuMSubscribedService

4.3.5.1 Definition

This is an abstract IOC provided for sub-classing only. It provides attribute(s) that are common to Subscribed Services IOCs.

4.3.5.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
Attribute related to role					
theService	M	M	0	-	-
theOffer	M	M	0	-	-

4.3.5.3 Attribute constraints

None.

4.3.5.4 Notifications

None.

4.3.6 CSSubscribedService

4.3.6.1 Definition

This class represents subscription to a CS service (see 3GPP TS 23.008 [7]) for a subscriber. The entire set of CS subscribed services owned by a subscriber constitutes the subscriber's Subscribed Services Profile for CS services.

This class contains the agreed (between the Subscriber and the Service Provider) parameter settings for a CS service that a Subscriber subscribes to.

4.3.6.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
networkAccessMode	M	M	M	-	-
basicMSISDNIndicator	0	M	M	-	-
mSISDNAlertIndicator	0	M	M	-	-
subscriptionRestriction	0	M	M	-	-
rSZIlists ISAIdentity	0	M	M	-	-
	0	M	M	-	-
ISAPriority ISAPreferentialAccessIndicator	0	M	M M	-	-
ISAActiveModeSupportIndicator	0	M	M	-	-
1SAOnlyAccessIndicator	0	M	M	-	-
1SAActiveModeIndicator	0	M	M	-	-
vPLMNIdentifier	0	M	M	-	-
accessRestrictionData	0	M	M	-	-
privacyExceptionList	0	M	M	-	-
qMLCNumbers	0	M	M	-	-
mOLRList	0	M	M	-	-
serviceTypes	0	M	M	-	-
mobileStationCategory	0	M	M		
lMUIdentifier	0	M	M	-	-
subscriberStatus	0	M	M		-
gsmSCFaddresslistForODB	M	M	M	-	
provisionOfBearerService	M	M	M	-	-
provisionOfTeleservice	M	M	M	-	-
bCAllocation	O	M	M	-	-
barringOfOutgoingCalls	0	M	M	-	
barringOfIncomingCalls	0	M	M		_
barringOfRoaming	0	M	M	-	-
barringOfPremiumRateCalls	0	M	M	-	_
barringOfSupplementaryService	0	M	M	_	_
Management		141			
barringOfRegistrationOfCall	0	М	М	-	-
Forwarding	_				
barringOfInvocationOfCall	0	М	М	-	-
Transfer					
operatorDeterminedBarring	0	M	M	-	-
PLMNspecificData					
vGCSGroupMembershipList	0	M	M	-	-
vBSGroupMembershipList	0	M	M	-	-
broadcastCallInitiation	0	M	M	-	-
AllowedList					
originatingCAMELSubscription	0	M	M	-	-
InformationOCSI	_				
terminatingCAMELSubscription InformationTCSI	0	M	М	-	-
vMSCTerminatingCAMEL	0	M	M	_	
Subscription		IVI	IVI	-	-
InformationVTCSI					
locationInformation/	0	М	M	-	-
SubscriberStateInformation		IVI	IVI	_	_
uSSDCAMELSubscription	0	M	М	-	-
InformationUCSI		""			
sSInvocationNotification	0	M	М	-	-
SSCSI					
translationInformationFlag	0	M	M	-	-
TIFCSI					
dialledServiceCAMEL	0	M	M	-	-
SubscriptionInformationDCSI					
uSSDGeneralCAMELService	0	M	M	-	-
InformationUGCSI					

shortMessageServiceCAMEL	0	M	М	-	-
SubscriptionInformationMOSMSCSI					
shortMessageServiceCAMEL	0	M	М	-	-
SubscriptionInformationMTSMSCSI					
mTSMSCSIVLRNegotiatedCAMEL	0	M	M	-	-
CapabilityHandling					
gsmSCFaddressforCSI	0	M	М	ı	-
iSTAlertTimer	0	M	М	ı	-
cSAllocationRetentionpriority	0	M	M	-	-
iCSIndicator	0	M	M	-	-
Attribute related to role					
theCSSupplServiceForCSSS	Ō	M	0	-	-

4.3.6.3 Attribute constraints

Name	Definition		
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).		

4.3.6.4 Notifications

None.

4.3.7 GPRSSubscribedService

4.3.7.1 Definition

This class represents subscription to a GPRS service (see 3GPP TS 23.008 [7]) for a subscriber. The entire set of GPRS subscribed services owned by a subscriber constitutes the subscriber's Subscribed Services Profile for GPRS services.

4.3.7.2 Attributes

Attribute nome	Support Ouglifier	ioDoodoblo	isWritable	iolnyoriont	ioNetifyabla
Attribute name networkAccessMode	Support Qualifier	isReadable		isInvariant	isNotifyable
basicMSISDNIndicator	<u>М</u> О	M M	M M	-	-
mSISDNAlertIndicator	0	M	M	-	-
rSZIlists	0	M	M	-	-
				-	-
lsAIdentity	0	M	M	-	-
lsaPriority	0	M	M	-	-
lSAPreferentialAccessIndicator	0	M	M	-	-
lsAActiveModeSupportIndicator	0	M	M	-	-
lSAOnlyAccessIndicator	0	M	M	-	-
lSAActiveModeIndicator	0	M	M	-	-
vPLMNIdentifier	0	М	M	-	-
accessRestrictionData	0	M	M	-	-
privacyExceptionList	0	M	M	-	-
gMLCNumbers	0	М	M	-	-
mOLRList	0	М	M	-	-
serviceTypes	0	M	M	-	-
gGSNNumber	M	M	M	-	-
provisionofTeleservice	0	M	M	-	-
transferofSMoption	M	М	М	-	-
subscriberStatus	М	M	M	-	-
barringofPacketOrientedServices	0	М	М	-	-
pDPType	0	М	М	-	-
pDPAddress	0	M	M	-	-
accessPointName	0	M	M	-	-
vPLMNAddressAllowed	0	M	M	_	-
qualityofServiceSubscribed	0	M	M	_	-
pDPContextCharging	0	M	M	_	_
Characteristics	J	141	141		
gPRSCAMELSubscription	0	М	М	_	_
InformationGPRSCSI	J	141	141		
mOShortMessageService	0	М	М	_	_
CAMELSubscription	Ŭ				
InformationMOSMSCSI					
mTShortMessageService	0	М	М	-	-
CAMELSubscription					
InformationMTSMSCSI					
mOSMSCSISGSNNegotiated	0	М	М	-	-
CAMELCapabilityHandling					
mTSMSCSISGSNNegotiated	0	М	М	_	-
CAMELCapabilityHandling					
mobilityManagementforGPRSevent	0	М	М	_	-
notificationMGCSI					
mGCSINegotiatedCAMEL	0	М	М	_	-
CapabilityHandling					
gsmSCFaddressforCSI	0	М	М	_	-
subscribedCharging	0	M	M	_	-
Characteristics					
closedSubscriberGroup	0	М	М	_	-
Information	Ŭ				
gSMSCFaddresslistForODB	0	М	М	-	-
barringOfOutgoingCalls	0	M	M	_	_
barringOfRoaming	0	M	M	-	-
operatorDeterminedBarring	0	M	M	_	_
PLMNspecificData		IVI	IVI	_	-
sTNSR	0	М	М	_	-
iCSIndicator	0	M	M	_	-
listofauthorizedvisitednetwork	0	M	M	_	-
identifiers	J	IVI	IVI	-	-
wLANUERemoteIPaddress		N A	N 4		
WIANUEREMOLETRAUGIESS	0	М	M	-	-

staticWLANUERemoteIP	0	M	М	-	-
AddressList					
w-APNBarringTypeList	0	М	M	-	-
w-APNChargingDataList	0	М	М	-	-
accessDependenceFlag	0	М	М	-	-
chargingCharacteristics	0	М	М	-	-
primaryOCSCharging	0	M	M	-	-
FunctionName					
secondaryOCSCharging	0	M	M	-	-
FunctionName					
primaryChargingCollection	0	M	M	-	-
FunctionName					
secondaryChargingCollection	0	M	M	-	-
FunctionName					
w-APNIdentifierList	0	М	M	-	-
maxNumberAccessesList	0	M	M	-	-
maxSubscribedBandwidth	0	М	M	-	-
subscribed3GPPWLANQoSProfile	0	M	M	-	-
Attribute related to role					
theGPRSSupplServiceforGPRSSS	0	М	0	-	-

4.3.7.3 Attribute constraints

Name	Definition		
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).		

4.3.7.4 Notifications

None.

4.3.8 IMSSubscribedService

4.3.8.1 Definition

This class represents subscription to an IMS (see 3GPP TS 23.008 [7]) service for a subscriber. The entire set of IMS subscribed services owned by a subscriber constitutes the subscriber's Subscribed Services profile for IMS services.

This class contains the agreed (between the Subscriber and the Service Provider) parameter settings for an IMS service that a Subscriber subscribes to.

4.3.8.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
listofauthorizedvisitednetwo	M	M	М	-	-
rkidentifiers					
registrationStatus	M	M	М	-	-
sCSCFName	0	M	-	-	-
diameterClientAddressofSCSCF	0	M	-	-	-
subscribedMediaProfileIdenti fier	0	M	М	-	-
initialFilterCriteriaList	0	M	M		
applicationServerInformation	0	M	M	-	-
serviceIndicationList	0	M	IVI	_	<u> </u>
primaryEventChargingFunction Name	0	M	M	-	-
secondaryEventChargingFunctionName	0	М	М	-	-
<pre>primaryChargingCollectionFun ctionName</pre>	М	M	М	-	-
secondaryChargingCollectionF unctionName	0	M	M	-	•
gsmSCFaddressforIMCSI	0	M	M	-	1
oIMCSI	0	M	M	-	•
vTIMCSI	0	M	M	-	1
dIMCS	0	M	M	-	1
gAAServiceType	0	M	M	-	-
gAAServiceIdentifier	0	M	M	-	-
gBAUserSecuritySettings	0	M	M	-	-
userSecuritySetting	0	M	M	-	-
userPublicIdentity	0	M	M	-	-
gAAAuthorizationflag	0	M	M	-	-
keyLifetime	0	M	M	-	-
uICCSecurityType	0	M	M	-	-
nAFGroupIdentity	0	M	M	-	-
Attribute related to role					
theServerCapabilities	0	M	-	-	-

4.3.8.3 Attribute constraints

Name	Definition		
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).		

4.3.8.4 Notifications

None.

4.3.9 SuMSubscriberProfile

4.3.9.1 Definition

This class represents the Subscriber Profile.

This class also contains the reference to its aggregated Subscribed Service as well as the users for a subscriber.

4.3.9.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
	Support Qualifier	isneauable	ISVVIIIable	isilivarialit	ISNOTHYADIE
suMSubscriberProfileInfo	M	M	0	-	-
Attribute related to role					
theUser	M	M	0	-	-
theSubscribedService	M	M	0	-	-
theMobileUserData	M	M	0	-	-

4.3.9.3 Attribute constraints

None.

4.3.9.4 Notifications

None.

4.3.10 SuMServiceProfile

4.3.10.1 Definition

This is an abstract IOC provided for sub-classing only. It provides attribute(s) that are common to Service Profiles IOCs.

4.3.10.2 Attributes

At	tribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
Attribu	ite related to role					
theSpec	ification	M	M	0	-	-

4.3.10.3 Attribute constraints

None.

4.3.10.4 Notifications

None.

4.3.11 CSServiceProfile

4.3.11.1 Definition

This class represents for a subscribed CS service (see 3GPP TS 23.008 [7]) the service preferences and settings chosen for a user.

4.3.11.2 Attributes

	0		1.346.26.1.1.		1. N. 416 . I I.
Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
basicMSISDNIndicator	0	M	M	-	-
mSISDNAlertIndicator	0	M	M	-	-
vLRNumber	M	M	-	-	-
mSCNumber	M	M	-	-	-
subscriptionRestriction	0	M	M	-	-
mSCAreaRestrictedFlag	M	M	-	-	-
oDBinducedBarringData	0	M	-	-	-
roamingRestrictionDueTo	M	M	-	-	-
UnsupportedFeature					
lSAIdentity	0	M	M	-	-
lsAPriority	0	M	M	-	-
lSAPreferentialAccessIndicator	0	M	M	-	-
lSAActiveModeSupportIndicator	0	M	M	-	-
lSAOnlyAccessIndicator	0	M	M	-	-
lSAActiveModeIndicator	0	M	M	-	-
vPLMNIdentifier	0	М	M	-	-
ageIndicator	0	М	-	-	-
lmsi	M	М	-	-	-
mobileStationCategory	M	М	М	-	-
lMUIdentifier	0	M	M	_	-
mNRRMSC	M	M	-	-	-
notificationToCSEFlagForODB	0	M	-	_	_
qsmSCFaddresslistForODB	Ö	M	М	-	_
messagesWaitingData	0	M	-		_
mobileStationNotReachableFlag	0	M	-		_
memoryCapacityExceededFlag	M	M			-
traceReference	O	M		-	-
			-	-	-
traceType	0	M	-	-	-
operationsSystemsIdentity	0	M	-	-	-
hLRTraceType	0	M	-	-	-
mAPErrorOnTrace	0	M	-	-	-
traceActivatedInVLR	0	M	-	-	-
provisionOfBearerService	M	M	M	-	-
provisionOfTeleservice	M	M	M	-	-
bCAllocation	0	M	M	-	-
checkSSIndicator	M	M	-	-	-
mSPurgedForNonGPRSFlag	M	M	-	-	-
barringOfIncomingCalls	0	M	M	-	-
barringOfPremiumRateCalls	0	M	M	-	-
barringOfSupplementaryService	0	M	M	-	-
Management					
barringOfRegistrationOfCall	0	M	М	-	-
Forwarding					
barringOfInvocationOfCallTransfer	0	М	М	-	-
vGCSGroupMembershipList	0	М	М	-	-
vBSGroupMembershipList	0	М	М	-	-
broadcastCallInitiationAllowedList	0	М	М	-	-
originatingCAMELSubscription	0	M	M	-	-
InformationOCSI					
terminatingCAMELSubscription	0	М	М	-	-
InformationTCSI					
vMSCTerminatingCAMEL	0	М	М	_	-
SubscriptionInformationVTCSI					
locationInformationSubscriber	0	М	М	-	-
StateInformation			.,,		
uSSDCAMELSubscription	0	M	М	-	-
InformationUCSI			.,,		
sSInvocationNotificationSSCSI	0	M	М	-	_
translationInformationFlagTIFCSI	0	M	M	_	_
STATISTACTOTITITEST MACTOTIT TAGITT COT		I IVI	141		<u> </u>

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
dialledServiceCAMELSubscription	0	М	M	-	-
InformationDCSI					
uSSDGeneralCAMELService	0	M	М	-	-
InformationUGCSI					
oCSINegotiatedCAMEL	0	M	-	-	-
CapabilityHandling					
sSCSINegotiatedCAMEL	0	M	-	-	-
CapabilityHandling					
vTCSINegotiatedCAMEL	0	M	-	-	-
CapabilityHandling					
shortMessageServiceCAMEL	0	M	М	-	-
SubscriptionInformationMOSMSCSI					
shortMessageServiceCAMEL	0	M	M	-	-
SubscriptionInformationMTSMSCSI					
mOSMSCSIVLRNegotiatedCAMEL	0	M	-	-	-
CapabilityHandling					
mTSMSCSIVLRNegotiatedCAMEL	0	M	M	-	-
CapabilityHandling					
mCSINegotiatedCAMEL	0	M	-	-	-
CapabilityHandling					
vLRSupportedCAMELPhases	0	M	-	1	-
gsmSCFaddressforCSI	0	M	M	-	-
vLROfferedCAMEL4CSIs	0	М	-	-	-
iSTAlertTimer	0	М	M	-	-
cSAllocationRetentionpriority	0	М	M	-	-
Attribute related to role					
theCSSupplServiceForCSSP	0	M	0	-	-

4.3.11.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.11.4 Notifications

None.

4.3.12 GPRSSServiceProfile

4.3.12.1 Definition

This class represents for a subscribed GPRS service (see 3GPP TS 23.008 [7]) the service preferences and settings chosen for a user.

4.3.12.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
basicMSISDNIndicator	0	М	М	-	-
mSISDNAlertIndicator	0	М	М	-	-
vLRNumber	M	М	-	-	-
lSAIdentity	0	М	М	-	-
lsAPriority	0	М	М	-	-
lSAPreferentialAccessIndicator	0	M	М	-	-
lSAActiveModeSupportIndicator	0	М	М	-	-
1SAOnlyAccessIndicator	0	M	М	-	-
lSAActiveModeIndicator	0	M	М	-	-
vPLMNIdentifier	0	M	М	-	-
ageIndicator	0	M	-	-	-
sGSNNumber	M	M	-	-	-
gGSNNumber	M	M	М	-	-
mNRG	M	М	-	-	-
provisionofTeleservice	0	М	М	-	-
transferofSMoption	M	М	М	-	-
mSpurgedforGPRSflag	M	М	-	-	-
pDPType	0	М	М	-	-
pDPAddress	0	М	М	-	-
gGSNlist	M	М	-	-	-
qualityofServiceSubscribed	0	М	М	-	-
pDPContextIdentifier	0	М	-	-	-
pDPContextChargingCharacteristics	0	М	М	-	-
gPRSCAMELSubscriptionInformation GPRSCSI	0	M	M	-	-
mOShortMessageServiceCAMEL	0	М	М	_	-
SubscriptionInformationMOSMSCSI					
mTShortMessageServiceCAMEL	0	М	М	-	-
SubscriptionInformationMTSMSCSI					
mOSMSCSISGSNNegotiatedCAMEL	0	М	М	-	-
CapabilityHandling					
mTSMSCSISGSNNegotiatedCAMEL	0	M	M	-	-
CapabilityHandling					
mobilityManagementforGPRS	0	M	M	-	-
eventnotificationMGCSI					
mGCSINegotiatedCAMEL	0	M	M	-	-
CapabilityHandling					
gPRSCSINegotiatedCAMEL	0	M	-	-	-
CapabilityHandling					
sGSNSupportedCAMELPhases	0	M	-	-	-
sGSNOfferedCAMEL4CSIs	0	M	-	-	-
gsmSCFaddressforCSI	0	M	M	-	-
gSMSCFaddresslistForODB	0	M	M	-	-
iPSMGWNumber	0	M	-	-	-
mNRR-SGSN	0	M	-	-	-
notificationToCSEFlagForODB	0	M	-	-	-
Attribute related to role					
theGPRSSupplServiceForGPRSSP	0	M	0	-	-

4.3.12.3 Attribute constraints

Name	Definition		
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).		

4.3.12.4 Notifications

None.

4.3.13 IMSServiceProfile

4.3.13.1 Definition

This class represents for a subscribed IMS (see 3GPP TS 23.008 [7]) service the service preferences and settings chosen for a user.

This class contains the reference to its aggregated IMS Public Identifications.

4.3.13.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
listofauthorizedvisitednetwork	M	M	M	-	-
identifiers	•••				
registrationStatus	M	М	М	-	-
sCSCFName	0	М	-	-	-
diameterClientAddressofSCSCF	0	M	-	-	-
subscribedMediaProfileIdentifi	0	M	М	-	-
er					
initialFilterCriteriaList	0	M	M	-	-
applicationServerInformation	0	M	M	-	-
serviceIndicationList	0	M	-	-	-
primaryEventChargingFunctionNa me	0	M	M	-	-
secondaryEventChargingFunction Name	0	M	М	-	-
primaryChargingCollectionFunct ionName	M	M	M	-	-
secondaryChargingCollectionFun ctionName	0	М	М	-	-
gsmSCFaddressforIMCSI	0	М	М	_	_
iMSSFaddressforIMCSI	0	M	-	_	_
oIMCSI	0	M	М	_	_
VTIMCSI	0	M	M	_	-
dIMCS	0	M	M	_	-
gAAServiceType	0	M	M	_	-
gAAServiceIdentifier	0	M	M	-	-
gBAUserSecuritySettings	0	М	М	-	-
userSecuritySetting	0	М	М	-	-
userPublicIdentity	0	М	М	-	-
gAAAuthorizationflag	0	М	М	-	-
keyLifetime	0	М	М	-	-
uICCSecurityType	0	М	М	-	-
nAFGroupIdentity	0	M	М	-	-
thePublicId	M	М	0	-	-
Attribute related to role					
theServerCapabilities	0	M	-	-	-

4.3.13.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.13.4 Notifications

None.

4.3.14 SubscriptionFunction

4.3.14.1 Definition

This class represents subscription functionality.

All managed elements related to the subscription of services have this functionality.

This class inherits from ManagedFunction (defined in 32.622 [6]).

This class contains the reference to its aggregated Users.

This class contains the reference to its aggregated Subscriber Profiles.

4.3.14.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
Attribute related to role					
theUser	M	М	0	-	-
theSubscriberProfile	M	М	0	-	-

4.3.14.3 Attribute constraints

None.

4.3.14.4 Notifications

None.

4.3.15 SuMCSSupplService

4.3.15.1 Definition

This class represents a Supplementary Service for a CS service (see 3GPP TS 23.008 [7]) provided by a service provider

This class contains the valid parameters that define the CS supplementary service from subscription point of view.

4.3.15.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
sS-Code	M	М	М	-	-
provisioningState	М	M	М	-	-
activationState	М	M	М	-	-
registrationState	0	M	М	-	-
overrideCategory	0	M	M	-	-
cLIRestrictionOption	0	M	M	-	-
forwarded-toNumber	0	M	M	-	-
forwarded-toSubaddress	0	M	М	-	-
noReplyConditionTimer	0	M	М	-	-
maximumEntitledPriority	0	М	М	-	-
defaultPriority	0	М	М	-	-
nbrUser	0	М	М	-	-
nbrSB	0	М	М	-	-

4.3.15.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.15.4 Notifications

4.3.16 SuMGPRSSupplService

4.3.16.1 Definition

This class represents a Supplementary Service for a GPRS service (see 3GPP TS 23.008 [7]) provided by a service provider

This class contains the valid parameters that define the GPRS supplementary service from subscription point of view.

4.3.16.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
sS-Code	M	M	M	-	-
provisioningState	M	M	M	-	-
activationState	M	M	M	-	-

4.3.16.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.16.4 Notifications

None.

4.3.17 SuMUser

4.3.17.1 Definition

This class represents a User.

This class contains the valid parameters that define the User from subscription point of view.

4.3.17.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
Attribute related to role					
theMobileUserData	M	M	0	-	-
theSubscriber	0	M	0	-	-
theCredentials	М	M	0	-	-
theServiceProfile	M	M	0	-	-
theIdentity	0	M	0	-	-

4.3.17.3 Attribute constraints

4.3.17.4 Notifications

None.

4.3.18 SuMCredentials

4.3.18.1 Definition

This class represents a User's credentials.

This class contains the valid parameters that define the credentials from subscription point of view.

4.3.18.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
iMSPrivateUserIdentity	M	M	М	-	-
Attribute related to role					
thePublicId	M	M	0	-	-
theServiceProfile	M	М	0	-	-

4.3.18.3 Attribute constraints

Name	Definition
theServicePro	If theServiceProfile points to at least one instance of IMSServiceProfile,
file	thePublicId of the same object instance of SuMCredentials may not point to any instance of IMSPublicIdentification.
	All instances of this relationship from the same object instance of SuMCredentials shall be to object instances of IMSServiceProfile that are
	i) name-contained by the same object instance of SuMUser as name-contains the SuMCredentials object instance, and
	ii) associated (through the relationship to SuMSubscribedService name- contained by SuMSubscriberProfile) to a single object instance of SuMSubscriberProfile.
thePublicId	If the Public I d points to at least one instance of IMSPublic I dentification, the Service Profile of the same object instance of SuMC redentials may not point to any instance of IMSService Profile.
	All instances of this relationship from the same object instance of SuMCredentials shall be to object instances of IMSPublicIdentification that are name-contained by object instances of IMSServiceProfile that are
	i) name-contained by the same object instance of SuMUser as name-contains the SuMCredentials object instance, and
	ii) associated (through the relationship to SuMSubscribedService name- contained by SuMSubscriberProfile) to a single object instance of SuMSubscriberProfile.

4.3.18.4 Notifications

4.3.19 IMSPublicIdentification

4.3.19.1 Definition

This class represents the IMS Public Identification (see 3GPP TS 23.008 [7] and 3GPP TS 29.228 [8]).

This class contains the valid parameters that define the IMS Public Identification from subscription point of view.

4.3.19.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
publicUserIdentity	M	M	М	-	-
barringIndication	M	M	М	-	-

4.3.19.3 Attribute constraints

None.

4.3.19.4 Notifications

None.

4.3.20 MobileUserData

4.3.20.1 Definition

This class represents user data of a mobile User Equipment.

This class contains the valid parameters that define the user data of the mobile User Equipment from subscription point of view.

4.3.20.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
theServiceProfile	M	M	0	-	-
iMSI	M	M	М	-	-
mSISDN	M	M	М	-	-
multinumberingMSISDNs	M	M	М	-	-
iMEISV	0	M	-	-	-

4.3.20.3 Attribute constraints

None.

4.3.20.4 Notifications

4.3.21 SuMServiceParameter

4.3.21.1 Definition

This class represents a structured Service Parameter defined for a service and is an abstract class provided for subclassing only.

This class shall be used as a base when having the requirement to provision common shared data referred to by specific SuMSubscribedService or SuMServiceProfile instances.

4.3.21.2 Attributes

None.

4.3.21.3 Attribute constraints

None.

4.3.21.4 Notifications

None.

4.3.22 SuMIdentity

4.3.22.1 Definition

This class represents a user related identity, regardless of any type service to be provisioned and is an abstract class provided for sub-classing only.

This class allows an identity to be used for multiple services.

4.3.22.2 Attributes

None.

4.3.22.3 Attribute constraints

None.

4.3.22.4 Notifications

None.

4.3.23 ServerCapabilities

4.3.23.1 Definition

This class is used to provision common shared ServerCapabilities data referred by specific SuMSubscribedService or SuMServiceProfile instances.

This class contains information to assist the I-CSCF in the selection of an S-CSCF for an IMS subscriber or a PSI user.

4.3.23.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
serverCapabilities	M	M	M	-	-

4.3.23.3 Attribute constraints

None.

4.3.23.4 Notifications

None.

4.3.24 EPSService

4.3.24.1 Definition

This class represents an EPS service (see 3GPP TS 23.008 [7]) provided by a service provider. This class contains the valid parameters that define the EPS service from a subscription point of view.

4.3.24.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
accessPointName	0	M	M	-	-
access Restriction Data	0	M	M	-	-
aPNAMBR	M	M	M	-	-
barringofPacketOrientedService	0	M	М	-	-
s contextIdentifier	M	M	M	-	-
operatorDeterminedBarringPLMNs	O	M	M	-	_
pecificData		141	141		
pDNAddress	0	M	М	-	-
rSZILists	0	M	М	-	-
sTNSR	0	М	М	-	-
subscribedChargingCharacterist	0	M	М	-	-
ics					
subscriberStatus	0	M	М	-	-
networkAccessMode	M	M	M	-	-
barringOfOutgoingCalls	0	M	M	-	-
barringOfRoaming	0	M	M	-	-
privacyExceptionList	0	M	M	-	-
gMLCNumbers mOLRList	0	M M	M M	-	-
serviceTypes	0	M M	M M	-	
iCSIndicator	0	M	M	-	-
aPNOIReplacement	0	M	M	-	-
subscribedUEAMBR	M	M	M	-	_
aPNConfigurationProfile	M	M	M	-	-
rFSP	0	M	M	-	_
vPLMNAddressAllowed-EPS	M	M	M	-	-
pDNGWIdentity	0	M	M	-	_
ePSPDNConnectionChargingCharac	0	M	M	-	-
teristics					
pDNGWAllocationType	M	M	M	-	-
aPNLevelAPNOIReplacement	0	M	M	-	-
closedSubscriberGroupInformati	0	M	M	-	-
on					
listofauthorizedvisitednetwork	0	M	M	-	-
identifiers staticWLANUERemoteIPAddressLis	0	N 4	N 4		
t staticwLanuERemotelPAddressLis	0	М	М	-	-
w-APNBarringTypeList	0	М	M	-	_
w-APNChargingDataList	0	M	M	_	_
wLANUERemoteIPAddress	0	M	M	-	_
accessDependenceFlag	Ö	M	M	-	_
chargingCharacteristics	0	M	M	-	-
primaryOCSChargingFunctionName	0	M	М	-	-
secondaryOCSChargingFunctionNa	0	М	М	-	-
me					
primaryChargingCollectionFunct	0	M	M	-	-
ionName					
secondaryChargingCollectionFun	0	M	M	-	-
ctionName					
w-APNIdentifierList	0	M	M	-	-
maxNumberAccessesList	0	M	M	-	-
maxSubscribedBandwidth	0	M	M	-	-
subscribed3GPPWLANQoSProfile	0	M	M	-	-
permanentUserIdentity mIPSubscriberProfile	0	M	M	-	-
	0	M	M	-	-
accessRestrictionData	0	M	M	-	-

4.3.24.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.24.4 Notifications

None.

4.3.25 EPSSubscribedService

4.3.25.1 Definition

This class represents subscription to an EPS service (see 3GPP TS 23.008 [7]) for a subscriber. The entire set of EPS subscribed services owned by a subscriber constitutes the subscriber's Subscribed Services Profile for EPS services.

This class contains the agreed (between the Subscriber and the Service Provider) parameter settings for an EPS service that a Subscriber subscribes to.

4.3.25.2 Attributes

AccessPointName	Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
APRABER	accessPointName		М	М	-	-
APRABER	access Restriction Data		М	М	-	-
	aPNAMBR				-	-
contextIdentifier M M M - - operatorDeterminedBarringPLMNspec O M M - - ificData DDNAddress O M M - - sTNSR O M M - - - subscriberStatus O M M - - - barringOfOutgoingCalls O M M - - - barringOfSoaming O M M - <td>barringofPacketOrientedServices</td> <td>0</td> <td></td> <td>М</td> <td>-</td> <td>-</td>	barringofPacketOrientedServices	0		М	-	-
Display					-	-
	operatorDeterminedBarringPLMNspec				_	-
STNSR			•••			
STNSR	pDNAddress	0	М	М	-	-
gTMSR O M M . . subscribedChargingCharacteristics O M M . . subscriberStatus O M M . . networkAccessMode M M M . . barringOfOutgoingCalls O M M . . barringOfOutgoingCalls O M M . . barringOfOutgoingCalls O M M . . barringOfOutgoingCharacter O M M . . . barringOfOutgoingCharacter O M M .	rSZILists	0	М	М	-	-
subscribedCharqingCharacteristics O M M - - networkAccessMode M M M - - barringOfOutgoingCalls O M M - - barringOfRoaming O M M - - privacyExceptionList O M M - - mCNUmbers O M M - - mCNUmbers O M M - - mCLSList O M M - - icSlidicator O M M - - opNCRIBELacement O M M - - - opNCROMIGentacter O M M M -	sTNSR	0			-	-
subscriberStatus O M M - - networkAccessMode M M M - - barringOfOutgoingCalls O M M - - barringOfRoaming O M M - - privacyExceptionList O M M - - gMLCNumbers O M M - - mCSINSTER O M M - - mCSIndicator O M M - - subscribedDEAMBR O M M - - - aPNConfigurationProfile M M M -	subscribedChargingCharacteristics	_			-	-
DetworkAccessMode					-	-
DarringOfOutgoingCalls						_
DarringOfRoaming					_	_
privacyExceptionList O M M - - gMLCNumbers O M M - - mORRList O M M - - serviceTypes O M M - - icSIndicator O M M - - aPMOIREJacement O M M - - subscribedUEANBR M M M M - - aPMConfigurationProfile M M M M - - rFSP O M M M - - - vPLMNAddressAllowed-EPS M M M M -						_
gMLCNumbers O M M - - mOLRList O M M - - serviceTypes O M M - - iCSIndicator O M M - - aPNOIReplacement O M M - - aPNConfigurationProfile M M M - - aPNConfigurationProfile M M M M - - aPNConfigurationProfile M M M M - - - aPNLonfigurationProfile M M M -						_
moleculate O M M - - serviceTypes O M M - - icSIndicator O M M - - aPNOIReplacement O M M - - subscribedUEAMBR M M M - - subscribedJuEAMBR M M M - - spondingurationProfile M M M - - vPLMNAddressAllowed-EPS M M M - - - vPLMNAddressAllowed-EPS M M M -						
ServiceTypes					-	-
ICSIndicator					-	-
APNOIReplacement						
subscribedUEAMBR M M M - - aPNConfigurationProfile M M M - - rFSP O M M - - vPLMNAddressAllowed-EPS M M M - - pDNGWIdentity O M M - - - ePSPDNContectionChargingCharacter O M M - <t< td=""><td></td><td></td><td></td><td></td><td>-</td><td>-</td></t<>					-	-
aPNConfigurationProfile M M M - - rFSP O M M - - vPLMNAddressAllowed-EPS M M M - - vPLMNAddressAllowed-EPS M M M - - pDNGWAllocationChargingCharacter istics O M M - - pDNGWAllocationType istics M M M - - aPNLevelAPNOIReplacement closedSubscriberGroupInformation O M M - - closedSubscriberGroupInformation O M M - - - ulstofauthorizedvisitednetworkide ntifiers O M M -					-	-
rFSP O M M - - VPLNNAddressAllowed-EPS M M M - </td <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td>					-	-
vPLMNAddressAllowed-EPS M M M - - pDNGWIdentity O M M - - ePSPDNConnectionChargingCharacter istics O M M - - pDNGWAllocationType M M M - - - aPNLevelAPNOIReplacement O M M -					-	-
DDNGWIdentity	12					
ePSPDNConnectionChargingCharacter istics O M M -					-	-
Interest					-	-
DNGWAllocationType		O	M	M	-	-
aPNLevelAPNOIReplacement O M M - - closedSubscriberGroupInformation O M M - - Listofauthorizedvisitednetworkide ntifiers O M M - - wLANUERemoteIPaddress O M M - - staticWLANUERemoteIPAddressList O M M - - w-APNBarringTypeList O M M - - w-APNChargingDataList O M M - - accessDependenceFlag O M M - - chargingCharacteristics O M M - - primaryOCSChargingFunctionName O M M - - secondaryChargingCollectionFunction O M M - - nName - - - - w-APNIdentifierList O M M - - max						
ClosedSubscriberGroupInformation					-	-
Listofauthorizedvisitednetworkide ntifiers WLANUERemoteIPaddress O M M M					-	-
ntifiers WLANUERemoteIPaddress O M M - - staticWLANUERemoteIPAddressList O M M - - w-APNBarringTypeList O M M - - w-APNChargingDataList O M M - - accessDependenceFlag O M M - - - chargingCharacteristics O M M - <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td>					-	-
wLANUERemoteIPaddress O M M - - staticWLANUERemoteIPAddressList O M M - - w-APNBarringTypeList O M M - - w-APNChargingDataList O M M - - accessDependenceFlag O M M - - chargingCharacteristics O M M - - chargingCharacteristics O M M - - primaryOCSChargingFunctionName O M M - - primaryChargingCollectionFunction O M M - - Name SecondaryChargingCollectionFunction O M M - - secondaryChargingCollectionFunction O M M - - secondaryChargingCollectionFunction O M M - - maxNumberAccessesList O M M		O	M	M	-	-
staticWLANUERemoteIPAddressList O M M - - w-APNBarringTypeList O M M - - w-APNChargingDataList O M M - - accessDependenceFlag O M M - - chargingCharacteristics O M M - - primaryOCSChargingFunctionName O M M - - secondaryOCSChargingFunctionName O M M - - primaryChargingCollectionFunctionName O M M - - secondaryChargingCollectionFunctionName O M M - - w-APNIdentifierList O M M - - w-APNIdentifierList O M M - - maxSubscribedBandwidth O M M - - subscribed3GPPWLANQoSProfile O M M - - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
w-APNBarringTypeList O M M - - w-APNChargingDataList O M M - - accessDependenceFlag O M M - - chargingCharacteristics O M M - - primaryOcsChargingFunctionName O M M - - secondaryChargingCollectionFunction Name O M M - - w-APNIdentifierList O M M - - w-APNIdentifierList O M M - - maxSubscribedBandwidth O M M - - maxSubscribedBandwidth O M M -		_			-	-
w-APNChargingDataList O M M - - accessDependenceFlag O M M - - chargingCharacteristics O M M - - primaryOCSChargingFunctionName O M M - - secondaryOCSChargingFunctionName O M M - - primaryChargingCollectionFunctionName O M M - - secondaryChargingCollectionFunctionName O M M - - secondaryChargingCollectionFunctionName O M M - - w-APNIdentifierList O M M - - maxNumberAccessesList O M M - - maxSubscribedBandwidth O M M - - subscribed3GPPWLANQoSProfile O M M - - permanentUserIdentity O M M -					-	-
accessDependenceFlag					-	-
chargingCharacteristics O M M - - primaryOCSChargingFunctionName O M M - - secondaryOCSChargingFunctionName O M M - - primaryChargingCollectionFunctionName O M M - - secondaryChargingCollectionFunctionName O M M - - w-APNIdentifierList O M M - - maxNumberAccessesList O M M - - maxSubscribed3GPPWLANQoSProfile O M M - - permanentUserIdentity O M M - - mIPSubscriberProfile O M M - -					-	-
primaryOCSChargingFunctionName O M M - - secondaryOCSChargingFunctionName O M M - - primaryChargingCollectionFunctionName O M M - - secondaryChargingCollectionFunctionName O M M - - w-APNIdentifierList O M M - - maxNumberAccessesList O M M - - maxSubscribedBandwidth O M M - - subscribed3GPPWLANQoSProfile O M M - - permanentUserIdentity O M M - - mIPSubscriberProfile O M M - -					-	-
secondaryOCSChargingFunctionName O M M	chargingCharacteristics	0	M	M	-	-
primaryChargingCollectionFunction O M M - - secondaryChargingCollectionFuncti O M M - - onName W-APNIdentifierList O M M - - w-APNIdentifierList O M M - - maxNumberAccessesList O M M - - maxSubscribedBandwidth O M M - - subscribed3GPPWLANQoSProfile O M M - - permanentUserIdentity O M M - - mIPSubscriberProfile O M M - -	1 3 3				-	-
Name M M - - secondaryChargingCollectionFuncti O M M - - onName W-APNIdentifierList O M M - - maxNumberAccessesList O M M - - maxSubscribedBandwidth O M M - - subscribed3GPPWLANQoSProfile O M M - - permanentUserIdentity O M M - - mIPSubscriberProfile O M M - -					-	-
secondaryChargingCollectionFuncti O M M - - onName w-APNIdentifierList O M M - - w-APNIdentifierList O M M - - maxNumberAccessesList O M M - - maxSubscribedBandwidth O M M - - subscribed3GPPWLANQoSProfile O M M - - permanentUserIdentity O M M - - mIPSubscriberProfile O M M - -		0	M	M	-	-
onName W-APNIdentifierList O M M - - maxNumberAccessesList O M M - - maxSubscribedBandwidth O M M - - subscribed3GPPWLANQoSProfile O M M - - permanentUserIdentity O M M - - mIPSubscriberProfile O M M - -						
w-APNIdentifierList O M M - - maxNumberAccessesList O M M - - maxSubscribedBandwidth O M M - - subscribed3GPPWLANQoSProfile O M M - - permanentUserIdentity O M M - - mIPSubscriberProfile O M M - -		0	M	M	-	-
maxNumberAccessesList O M M - - maxSubscribedBandwidth O M M - - subscribed3GPPWLANQoSProfile O M M - - permanentUserIdentity O M M - - mIPSubscriberProfile O M M - -						
maxSubscribedBandwidth O M M - - subscribed3GPPWLANQoSProfile O M M - - permanentUserIdentity O M M - - mIPSubscriberProfile O M M - -					-	-
subscribed3GPPWLANQoSProfile O M M - - permanentUserIdentity O M M - - mIPSubscriberProfile O M M - -			M	M	-	-
permanentUserIdentity O M M MIPSubscriberProfile O M M	maxSubscribedBandwidth	0	M	M	-	-
mIPSubscriberProfile O M M					-	-
		0	M	M	-	-
accessRestrictionData O M M	mIPSubscriberProfile	0	M	M	-	-
	accessRestrictionData	0	М	М	-	-

4.3.25.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.25.4 Notifications

None.

4.3.26 EPSServiceProfile

4.3.26.1 Definition

This class represents for a subscribed EPS service (see 3GPP TS 23.008 [7]) the service preferences and settings chosen for a user.

4.3.26.2 Attributes

Attribute many	Commant Oscalition	io Doodoblo	:a\A/v:talala	ialmyaniant	in Notify to blo
Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
aPNAMBR	M	M	M	-	-
contextIdentifier	M	M	M	-	-
pDNAddress	0	M	M	-	-
aPNOIReplacement	0	M	M	-	-
subscribedUEAMBR	M	M	M	-	-
aPNConfigurationProfile	M	M	M	-	-
rFSP	0	M	M	-	-
pDNGWIdentity	0	M	M	-	-
ePSPDNConnectionChargingCharacteris	0	M	M	-	-
tics					
vPLMNAddressAllowed-EPS	M	M	M	-	-
pDNGWAllocationType	M	M	M	-	-
aPNLevelAPNOIReplacement	0	M	M	-	-
roamingRestrictionDueToUnsupportedF	M	M	-	-	-
eatureMME					
roamingRestrictionDueToUnsupportedF	M	M	-	-	-
eatureSGSN					
mSPurgedForEPSFlag	M	M	-	-	-
urrpmme	0	M	-	-	-
mMEName	M	M	-	-	-
sGSNName	M	M	-	-	-
iWFNumber	0	M	-	-	-
sGSNAreaRestrictedFlag	M	М	-	-	-
Attribute related to role					
theOptHandover3GPP2Par	M	M	0	-	-
theNon3GPPAccessPar	M	М	0	-	-

4.3.26.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.26.4 Notifications

4.3.27 PSCommonServiceProfile

4.3.27.1 Definition

This is an abstract IOC provided for sub-classing only. It provides attribute(s) that are common to PS Service Profile IOCs (Regarding GPRS or EPS service, please see 3GPP TS 23.008 [7]).

4.3.27.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
roamingRestrictedintheSGSNduetoun	M	M	-	-	-
supportedfeature					
barringofPacketOrientedServices	0	М	М	-	-
iPAddressOfTraceCollectionEntity	0	М	-	-	-
accessPointName	0	М	М	-	-
subscribedChargingCharacteristics	0	М	М	-	-
sTNSR	0	М	М	-	-
closedSubscriberGroupInformation	0	М	М	-	-
theIWANPar	M	М	0	-	-

4.3.27.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.27.4 Notifications

4.3.28 IWANParameters

4.3.28.1 Definition

This class represents for a subscribed GPRS or EPS service (see 3GPP TS 23.008 [7]) the service preferences and settings chosen for a user that are relevant to IWAN services.

4.3.28.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
w-APN	0	M	-	-	-
listofauthorizedvisitednetwo	0	M	M	-	-
rkidentifiers					
3GPPAAAServerName	0	M	-	-	-
3GPPAAAProxyName	0	M	-	-	-
wLANUERemoteIPaddress	0	M	M	-	-
staticWLANUERemoteIPAddressL	0	M	M	-	-
ist					
w-APNBarringTypeList	0	М	M	-	-
w-APNChargingDataList	0	М	M	-	-
accessDependenceFlag	0	M	M	-	-
i-WLANAccessType	0	M	-	-	-
wLANIdentifierList	0	М	M	-	-
maxNumberAccessesList	0	M	М	-	-
maxSubscribedBandwidth	0	M	М	-	-
subscribed3GPPWLANQoSProfile	0	M	М	-	-
chargingCharacteristics	M	M	М	-	-
primaryOCSChargingFunctionNa	0	M	М	-	-
me					
secondaryOCSChargingFunction	0	M	M	-	-
Name					
primaryChargingCollectionFun	0	М	М	-	-
ctionName					
secondaryChargingCollectionF	0	M	M	-	-
unctionName					
userStatus	M	M	-	-	-

4.3.28.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.28.4 Notifications

4.3.29 OptHandover3GPP2Parameters

4.3.29.1 Definition

This class represents for a subscribed EPS service (see 3GPP TS 23.008 [7]) the service preferences and settings chosen for a user that are relevant to the optimization of handover to a 3GPP2 network.

4.3.29.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
rATType	0	M	1	ı	-

4.3.29.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.29.4 Notifications

None.

4.3.30 Non3GPPAccessParameters

4.3.30.1 Definition

This class represents for a subscribed EPS service (see 3GPP TS 23.008 [7]) the service preferences and settings chosen for a user that are relevant to use of a non-3GPP access network.

4.3.30.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
rATType	0	M	-	-	-
visitedNetworkIdentifier	0	М	-	-	-
mIPSubscriberProfile	M	М	M	-	-
permanentUserIdentity	M	М	M	-	-

4.3.30.3 Attribute constraints

Name	Definition
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).

4.3.30.4 Notifications

4.3.31 Common3GPPAccessServiceProfile

4.3.31.1 Definition

This is an abstract IOC provided for sub-classing only. It provides attribute(s) that are common to CS/PS Service Profile IOCs (Regarding CS, GPRS or EPS service, please see 3GPP TS 23.008 [7]).

4.3.31.2 Attributes

Attribute name	Support Qualifier	isReadable	isWritable	isInvariant	isNotifyable
rSZIlists	0	M	M	-	-
accessRestrictionData	0	M	M	-	-
subscriberStatus	0	М	M	-	-
barringOfOutgoingCalls	0	М	M	-	-
barringOfRoaming	0	М	M	-	-
operatorDeterminedBarringPLMNs pecificData	0	M	M	-	-
-	0				
traceReference2	0	M	-	-	-
traceDepth	0	M	-	-	-
listOfNETypestoTrace	0	M	-	-	-
triggeringEvents	0	M	-	-	-
listOfInterfacesToTrace	0	M	-	-	-
privacyExceptionList	0	M	M	-	-
gMLCNumbers	0	M	M	-	-
iCSIndicator	0	М	M	-	-
mOLRList	0	М	M	-	-
serviceTypes	0	M	M	-	-
networkAccessMode	M	M	M	-	-

4.3.31.3 Attribute constraints

Name	Definition	
All optional attributes	The NE supports the parameter (see TS 23.008 [7]).	

4.3.31.4 Notifications

None.

4.4 Attribute definitions

4.4.1 Attribute properties

The following table defines the properties of attributes specified in the present document.

Attribute Name	Documentation and Allowed values	Properties
suMSubscriberProfileInfo	A description of (information for) the Subscriber Profile.	type: String
	It is with free structure and format.	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
iMSI	23.008 clause 2.1.1.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
networkAccessMode	23.008 clause 2.1.1.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mSISDN	23.008 clause 2.1.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
multinumberingMSISDNs	23.008 clause 2.1.3	type: < <datatype>></datatype>
		multiplicity: 1
	It is a sequence of two items:	isOrdered: N/A
	1) An MSISDN number (string)	isUnique: N/A
	2) A multinumberingMSISDNIndicator which can be	default/value: None
	one of two choices:	isNullable: False
	a. "BASIC"	isivaliable. I alse
	b. "ALERT"	
	D. ALLINI	
	allowedValues: N/A	
	allowed values. 14/7(
basicMSISDNIndicator	23.008 clause 2.1.3.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mSISDNAlertIndicator	23.008 clause 2.1.3.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
lmsi	23.008 clause 2.1.8	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mobileStationCategory	23.008 clause 2.2.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
lMUIdentifier	23.008 clause 2.2.2	type: String
Inoraciicirici	25.000 Gause 2.2.2	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	 allowedValues: N/A	defaultValue: None
	alloweuvalues. IV/A	
		isNullable: False

Change	100,000 1 0.00	l. O. :
iMEISV	23.008 clause 2.2.3	type: String
		multiplicity: 1
		isOrdered: N/A
	- H	isUnique: N/A
	allowedValues: N/A	defaultValue: None
	00.000 1 0.440	isNullable: False
subscriptionRestriction	23.008 clause 2.4.10	type: String
		multiplicity: 1
		isOrdered: N/A
	H D. () A ()	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
rSZIlists	23.008 clause 2.4.11.1	type: String
		multiplicity: 1
		isOrdered: N/A
	H D/ L AI/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
007 7 1 1 171	00.000 1 0.440	isNullable: False
mSCAreaRestrictedFlag	23.008 clause 2.4.12	type: String
		multiplicity: 1
		isOrdered: N/A
	H 107 1 N/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
ggv.	00000	isNullable: False
sGSNarearestrictedflag	23.008 clause 2.4.14	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
oDBinducedBarringData	23.008 clause 2.4.15.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
roamingRestrictionDueToU	23.008 clause 2.4.15.2	type: String
nsupportedFeature		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
roamingRestrictedintheSG		type: String
SNduetounsupportedfeatur		multiplicity: 1
е		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
lSAIdentity	23.008 clause 2.4.17.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
lSAPriority	23.008 clause 2.4.17.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
102D		type: String
	23.008 clause 2.4.17.2A	
icator	23.008 clause 2.4.17.2A	multiplicity: 1
	23.008 clause 2.4.17.2A	
	23.008 clause 2.4.17.2A	multiplicity: 1
	23.008 clause 2.4.17.2A allowedValues: N/A	multiplicity: 1 isOrdered: N/A

1SAActiveModeSupportIndi	23 008 clause 2 4 17 2B	type: String
cator	23.000 Clause 2.4.17.2b	multiplicity: 1
Cator		isOrdered: N/A
	allowedValues: N/A	isUnique: N/A defaultValue: None
	allowed values. N/A	
1 C 7 O - 1 - 7 7 1 - 1	00.000 1 0.447.0	isNullable: False
lSAOnlyAccessIndicator	23.008 clause 2.4.17.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
lSAActiveModeIndicator	23.008 clause 2.4.17.4	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vPLMNIdentifier	23.008 clause 2.4.17.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	3	isNullable: False
accessRestrictionData	23.008 clause 2.4.18	type: String
decessiveserieeronbaea	25.000 clause 2.4.10	multiplicity: 1
		lisOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vLRNumber	23.008 clause 2.4.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mSCNumber	23.008 clause 2.4.6	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
sGSNNumber	23.008 clause 2.4.8.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
gGSNNumber	23.008 clause 2.4.8.2	type: String
3	20.000 010000 2.7.0.2	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	 allowedValues: N/A	defaultValue: None
	allowed values. IN/A	isNullable: False
provisionOfBearerService	22 009 played 2 5 1	
provisionOrmearerservice	23.000 Clause 2.3.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
provisionOfTeleservice	23.008 clause 2.5.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
•	•	

1 07 17	00.000 1 0.50	
bCAllocation	23.008 clause 2.5.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anoviou valuos. 14/7	isNullable: False
transferofSMoption	23.008 clause 2.5.4	
ClansleroisMopClon	23.008 clause 2.5.4	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mNRG	23.008 clause 2.7.2	type: String
IIINKG	23.000 Gause 2.7.2	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
checkSSIndicator	23.008 clause 2.7.4.4	type: String
	20.000 0lau00 2.7.7.7	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mSPurgedForNonGPRSFlag	23.008 clause 2.7.5	type: String
	25.000 010000 2.7.0	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mSpurgedforGPRSflag	23.008 clause 2.7.6	type: String
mopargearor normag	25.000 Gladse 2.7.0	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mNRRMSC	23.008 clause 2.7.7	type: String
	20.000 014436 2.7.7	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
subscriberStatus	23.008 clause 2.8.1	type: String
	25.555 514455 2.5.1	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringOfOutgoingCalls	23.008 clause 2.8.2.1	type: String
]		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringOfIncomingCalls	23.008 clause 2.8.2.2	type: String
J		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringOfRoaming	23.008 clause 2.8.2.3	type: String
J :	25.556 6.4466 2.6.2.6	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
L		1.5. (4.100

barringOfPremiumRateCall	23.008 clause 2.8.2.4	type: String
s		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringOfSupplementarySe	23 008 clause 2 8 2 5	type: String
rviceManagement	25.000 014450 2.0.2.5	multiplicity: 1
TVICeManagement		
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringOfRegistrationOfC	22.000 days 2.0.2.6	10110101010101
	23.006 Clause 2.6.2.6	type: String
allForwarding		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. 14/7	
		isNullable: False
barringOfInvocationOfCal	23.008 clause 2.8.2.7	type: String
lTransfer		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringofPacketOrientedS	23.008 clause 2.8.2.8	type: String
ervices		multiplicity: 1
01.1000		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
operatorDeterminedBarrin	23 008 dauga 2 8 3	type: String
	23.006 Clause 2.6.3	
gPLMNspecificData		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowed values. 14/1	isNullable: False
. '. C.' '	00.000 1 00.4	
notificationToCSEFlagFor	23.008 clause 2.8.4	type: String
ODB		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		isNullable: False
gsmSCFaddresslistForODB	23.008 clause 2.8.5	type: String
		multiplicity: 1
		isOrdered: N/A
	II N. I. ALIA	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
messagesWaitingData	23.008 clause 2.10.1	type: String
	25.555 5.4466 2.1611	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mobileStationNotReachabl	23 008 clause 2 10 2	
	23.000 Clause 2.10.2	type: String
eFlag		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
	00000	
memoryCapacityExceededFl	23.008 clause 2.10.3	type: String
ag		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False

L	00 000 -1 0 44 4	to an an Otalia a
traceReference	23.008 clause 2.11.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
traceType	23.008 clause 2.11.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allawa d\/alwa av NI/A	defaultValue: None
	allowedValues: N/A	
		isNullable: False
operationsSystemsIdentit	23.008 clause 2.11.3	type: String
У		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowa valuos. 14/7	isNullable: False
la I Difference de Circums de	00 000 -1 0 44 4	
hLRTraceType	23.008 clause 2.11.4	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mAPErrorOnTrace	23.008 clause 2.11.5	type: String
	20.000 010000 2.111.0	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
traceActivatedInVLR	23.008 clause 2.11.6	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
		isNullable: False
traceActivatedinSGSN	23.008 clause 2.11.7	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anovou valado. 14/7 t	isNullable: False
vGCSGroupMembershipList	23.008 clause 2.12.1	. 0.:
Agenot orbitetimer stirbing (23.000 Glause 2.12.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vBSGroupMembershipList	23.008 clause 2.12.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed Value of NI/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
broadcastCallInitiationA	23.008 clause 2.12.2.1	type: String
llowedList		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anomou raidoo. 14/11	isNullable: False
DDT mo	00 000 playing 0.40.4	
pDPType	23.008 clause 2.13.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
L		1.0. 10001011 0.100

gGSNlist	23.008 clause 2.13.11	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
qualityofServiceSubscrib	23.008 clause 2.13.12	type: String
ed		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
pDPAddress	23.008 clause 2.13.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
pDPContextIdentifier	23.008 clause 2.13.24	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
pDPContextChargingCharac	23.008 clause 2.13.25	type: String
teristics		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
accessPointName	23.008 clause 2.13.6	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vPLMNAddressAllowed	23.008 clause 2.13.8	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vPLMNAddressAllowed-EPS	23.008 clause 2.13.40	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
originatingCAMELSubscrip	23.008 clause 2.14.1.1/3.1	type: String
tionInformationOCSI		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
gPRSCAMELSubscriptionInf	23.008 clause 2.14.1.10/2.14.4.4	type: String
ormationGPRSCSI		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
dialledServiceCAMELSubsc	23 008 clause 2 14 1 11/3 7	type: String
riptionInformationDCSI		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowou valuos. IV/A	isNullable: False
	<u>I</u>	เอเงนแลมเซ. เ สเจซ

1 '1'' 1' 15 GDD	0.000 1 0.44.4.0/0.44.4.4	l. o.:
	23.008 clause 2.14.1.12/2.14.4.4	type: String
SeventnotificationMGCSI		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
terminatingCAMELSubscrip	23 008 clause 2 14 1 2	type: String
tionInformationTCSI	25.000 Gause 2.14.1.2	multiplicity: 1
CIONINIONMACIONICSI		
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
vMSCTerminatingCAMELSubs	23.008 clause 2.14.1.2/3.2	type: String
criptionInformationVTCSI		multiplicity: 1
_		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
7		isNullable: False
	23.008 clause 2.14.1.3	type: String
riberStateInformation		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
uSSDCAMELSubscriptionInf	23 008 clause 2 14 1 4	type: String
ormationUCSI	20.000 Glause 2.17.1.4	multiplicity: 1
OTHIACTORIOCST		
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
sSInvocationNotification	23.008 clause 2.14.1.5/3.2	type: String
SSCSI	20.000 0.0000 2.1 111.0, 0.2	multiplicity: 1
		isOrdered: N/A
	- H N / - I N I / A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
translationInformationFl	23.008 clause 2.14.1.6/3.6	type: String
agTIFCSI		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
shortMessageServiceCAMEL	22 009 days 2 14 1 9/2 14 2 5	. 0
	23.000 Clause 2.14.1.0/2.14.3.3	type: String
SubscriptionInformationM		multiplicity: 1
OSMSCSI		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mOShortMessageServiceCAM	23.008 clause 2.14.1.8/2.14.4.1	type: String
ELSubscriptionInformatio		multiplicity: 1
nMOSMSCSI		isOrdered: N/A
		isUnique: N/A
	 allowedValues: N/A	
	allowed values. IV/A	defaultValue: None
		isNullable: False
shortMessageServiceCAMEL	23.008 clause 2.14.1.9/2.14.3.6	type: String
SubscriptionInformationM		multiplicity: 1
TSMSCSI		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mTShortMessageServiceCAM	22 008 dayso 2 14 1 0/2 14 4 2	
	23.000 Glause 2.14.1.3/2.14.4.2.	type: String
ELSubscriptionInformatio		multiplicity: 1
nMTSMSCSI		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
		•

		·
gPRSCSINegotiatedCAMELCa	23.008 clause 2.14.2.1	type: String
pabilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		isNullable: False
mCSINegotiatedCAMELCapab	23.008 clause 2.14.2.1	type: String
ilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
		isNullable: False
mGCSINegotiatedCAMELCapa	23.008 clause 2.14.2.1	type: String
bilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
		isNullable: False
mOSMSCSISGSNNegotiatedCA	23.008 clause 2.14.2.1	type: String
MELCapabilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		isNullable: False
mOSMSCSIVLRNegotiatedCAM	23.008 clause 2.14.2.1	type: String
ELCapabilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. N/A	
		isNullable: False
mTSMSCSISGSNNegotiatedCA	23.008 clause 2.14.2.1	type: String
MELCapabilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	alloweuvalues. N/A	
		isNullable: False
mTSMSCSIVLRNegotiatedCAM	23.008 clause 2.14.2.1	type: String
ELCapabilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IN/A	
		isNullable: False
oCSINegotiatedCAMELCapab	23.008 clause 2.14.2.1	type: String
ilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	alioweuvalues. IV/A	
		isNullable: False
sSCSINegotiatedCAMELCapa	23.008 clause 2.14.2.1	type: String
bilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		isNullable: False
vTCSINegotiatedCAMELCapa	23.008 clause 2.14.2.1	type: String
bilityHandling		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed\/aluga; N/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
SGSNOfferedCAMEL4CSIs	23.008 clause 2.14.2.2A	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False

VLROSTEREDAMELACSIS 23.008 clause 2.14.2.2A type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A default/Value: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	•
allowedValues: N/A allowe	
allowedValues: N/A allowe	
allowedValues: N/A sgsnSupportedCAMELPhases 23.008 clause 2.14.2.2 ype: String multiplicity: 1 isordered: N/A isUnique: N/A defaultValue: None isNullable: False isNullable: N/A defaultValue: None isNullable: False isNullable: False isNullable: N/A defaultValue: None isNullable: False isNullable: N/A defaultValue: None isNullable: N/A defaultValue: None isNullable: False isNullable: N/A defaultValue: None isNullable: False isNullable: Fals	
allowedValues: N/A sgsnSupportedCAMELPhases 23.008 clause 2.14.2.2 ype: String multiplicity: 1 isordered: N/A isUnique: N/A defaultValue: None isNullable: False isnullable: N/A defaultValue: None isnullable: False isnullable:	
isNullable: False gSGNSupportedCAMELPhases 23.008 clause 2.14.2.2 String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False isNullable: False isNullable: False isNullable: False isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False isOrdered: N/A isUnique: N/A isOrdered: N/A isUnique: N/A isUnique: N/A isOrdered: N/A isUnique: N/A isUnique: N/A isOrdered: N/A isUnique: N/A isOrdered: N/A isUnique: N/A isUn	
sGSNSupportedCAMELPhases 23.008 clause 2.14.2.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: N/A defau	
multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUni	
IsOrdered: N/A isUnique: N/A isUnique: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A is	
allowedValues: N/A allowe	
allowedValues: N/A vLRSupportedCAMELPhases 23.008 clause 2.14.2.2 vLRSupportedCAMELPhases 23.008 clause 2.14.2.2 ype: String multiplicity: 1 is Ordered: N/A isUnique: N/A allowedValues: N/A allowedValues: N/A gsmSCFaddressforCSI 23.008 clause 2.14.2.4 ype: String multiplicity: 1 is Ordered: N/A isUnique: N/A allowedValues: N/A allowedValues: N/A allowedValues: N/A isUnique: N/A defaultValue: None is Nullable: False uSSDGeneralCAMELServiceI nformationUGCSI 23.008 clause 2.14.2.3 ype: String multiplicity: 1 is Ordered: N/A isUnique: N/A defaultValue: None is Nullable: False iSTAlertTimer 23.008 clause 2.15.1 privacyExceptionList 23.008 clause 2.16.1.1 privacyExceptionList 23.008 clause 2.16.1.1 privacyExceptionList 23.008 clause 2.16.1.2 privacyExceptionList ype: String multiplicity: 1 is Ordered: N/A isUnique: N/A defaultValue: None is Nullable: False ype: String multiplicity: 1 is Ordered: N/A isUnique: N/A defaultValue: None is Nullable: False privacyExceptionList 23.008 clause 2.16.1.1 ype: String multiplicity: 1 is Ordered: N/A isUnique: N/A defaultValue: None is Nullable: False ype: String multiplicity: 1 is Ordered: N/A isUnique: N/A defaultValue: None is Nullable: False ype: String multiplicity: 1 is Ordered: N/A isUnique: N/A defaultValue: None is Nullable: False ype: String multiplicity: 1 is Ordered: N/A isUnique: N/A is	
isNullable: False vLRSupportedCAMELPhases 23.008 clause 2.14.2.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
vLRSupportedCAMELPhases 23.008 clause 2.14.2.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: N/A isUnique: N/A is	
multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gsmSCFaddressforCSI 23.008 clause 2.14.2.4 gsmSCFaddressforCSI 23.008 clause 2.14.2.4 allowedValues: N/A allowedValues: N/A isUnique: N/A defaultValue: None isNullable: False usspgeneralcamelserviceI nformationUgCSI allowedValues: N/A allowedValues: N/A isUnique: N/A defaultValue: None isNullable: False isTalertTimer 23.008 clause 2.15.1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 privacyExceptionList 23.008 clause 2.16.1.2 privacyExceptionList 23.008 clause 2.16.1.2 gMLCNumbers 23.008 clause 2.16.1.2 privacyExceptionList 23.008 clause 2.16.1.2 privacyExceptionList gmLCNumbers 23.008 clause 2.16.1.2 privacyExceptionList gmLcnumbers 23.008 clause 2.16.1.2	
multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gsmSCFaddressforCSI 23.008 clause 2.14.2.4 gsmSCFaddressforCSI 23.008 clause 2.14.2.4 allowedValues: N/A allowedValues: N/A isUnique: N/A defaultValue: None isNullable: False usspdeneralcamelserviceI nformationUgCSI 23.008 clause 2.14.2.3 multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False isTalertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A isUnique: N/A	
isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gsmSCFaddressforCSI 23.008 clause 2.14.2.4 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False usSDGeneralCAMELServiceI allowedValues: N/A isUnique: N/A defaultValue: None isNullable: False usSDGeneralCAMELServiceI allowedValues: N/A isUnique: N/A defaultValue: None isNullable: False isTalertTimer 23.008 clause 2.14.2.3 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False isTalertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
allowedValues: N/A allowedValues: N/A allowedValues: N/A allowedValues: N/A gsmSCFaddressforCSI 23.008 clause 2.14.2.4 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False uSSDGeneralCAMELServiceI nformationUGCSI allowedValues: N/A isUnique: N/A defaultValue: None isNullable: False iSTAlertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
allowedValues: N/A isTalertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False	
isNullable: False gsmSCFaddressforCSI 23.008 clause 2.14.2.4 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False uSSDGeneralCAMELServiceI nformationUGCSI 23.008 clause 2.14.2.3 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gmLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False	
gsmSCFaddressforCSI 23.008 clause 2.14.2.4 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False uSSDGeneralCAMELServiceI proruse is N/A allowedValues: N/A allowedValues: N/A allowedValues: N/A allowedValues: N/A isUnique: N/A defaultValue: None isNullable: False iSTAlertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False iSTAlertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2	
allowedValues: N/A	
isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False usSDGeneralCAMELServiceI nformationUGCSI 23.008 clause 2.14.2.3 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False isTAlertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False isTAlertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A	
isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False usSDGeneralCAMELServiceI nformationUGCSI 23.008 clause 2.14.2.3 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False isTAlertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False isTAlertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A	
allowedValues: N/A isUnique: N/A isUnique: N/A isUnique: N/A isUnique: N/A defaultValue: None isNullable: False isTalertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False	
allowedValues: N/A uSSDGeneralCAMELServiceI nformationUGCSI 23.008 clause 2.14.2.3 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False vye: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 privacyExceptionList 23.008 clause 2.16.1.1 gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A isUnique: N/A isUnique: N/A isUnique: N/A isUnique: N/A	
isNullable: False uSSDGeneralCAMELServiceI nformationUGCSI 23.008 clause 2.14.2.3 allowedValues: N/A allowedValues: N/A iSTALERTTIMER 23.008 clause 2.15.1 iSTALERTTIMER 23.008 clause 2.15.1 istralertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 istralertN/A isUnique: N/A isUnique: N/A isUnique: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A isUnique: N/A isOnique: N/A isOnique: N/A	
uSSDGeneralCAMELServiceI 23.008 clause 2.14.2.3 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False iSTAlertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A isUnique: N/A isOnique: N/A	
nformationUGCSI multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False iSTAlertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A	
isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False iSTAlertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A	
allowedValues: N/A privacyExceptionList 23.008 clause 2.16.1.1 privacyExceptionList 23.008 clause 2.16.1.1 allowedValues: N/A isOrdered: N/A isUnique: N/A isOrdered: N/A	
allowedValues: N/A privacyExceptionList 23.008 clause 2.16.1.1 privacyExceptionList 23.008 clause 2.16.1.1 allowedValues: N/A isOrdered: N/A isUnique: N/A isOrdered: N/A	
isNullable: False iSTAlertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
iSTAlertTimer 23.008 clause 2.15.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A isUnique: N/A	
multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
isUnique: N/A allowedValues: N/A allowedValues: N/A privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A isUnique: N/A isUnique: N/A	
allowedValues: N/A allowedValues: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A isUnique: N/A isUnique: N/A	
privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A isUnique: N/A	
privacyExceptionList 23.008 clause 2.16.1.1 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A isUnique: N/A isUnique: N/A	
multiplicity: 1 isOrdered: N/A isUnique: N/A allowedValues: N/A allowedValues: N/A gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
isOrdered: N/A isUnique: N/A allowedValues: N/A allowedValues: N/A gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
isUnique: N/A allowedValues: N/A allowedValues: N/A gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
allowedValues: N/A gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
gMLCNumbers 23.008 clause 2.16.1.2 type: String multiplicity: 1 isOrdered: N/A isUnique: N/A	
multiplicity: 1 isOrdered: N/A isUnique: N/A	
multiplicity: 1 isOrdered: N/A isUnique: N/A	
isOrdered: N/A isUnique: N/A	
isUnique: N/A	
allowedValues: N/A defaultValue: None	
isNullable: False	
mOLRList 23.008 clause 2.16.1.3 type: String	
multiplicity: 1	
isOrdered: N/A	
isUnique: N/A	
allowedValues: N/A defaultValue: None	
isNullable: False	
serviceTypes 23.008 clause 2.16.1.4 type: String	
multiplicity: 1	
isOrdered: N/A	
isUnique: N/A	
allowedValues: N/A defaultValue: None	
isNullable: False	
ageIndicator 23.008 clause 2.17.1 type: String	
1 = 171 0	
multiplicity: 1	
isOrdered: N/A	
isUnique: N/A	
allowedValues: N/A defaultValue: None	
isNullable: False	

cSAllocationRetentionpri	23.008 clause 2.18.1	type: String
ority		multiplicity: 1
		isOrdered: N/A
	H	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
subscribedChargingCharac	23.008 clause 2.19.1	type: String
teristics		multiplicity: 1
		isOrdered: N/A
	H	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
iMSPrivateUserIdentity	23.008 clause 3.1.1	type: String
_		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	
	allowed values: N/A	defaultValue: None
		isNullable: False
publicUserIdentity	23.008 clause 3.1.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed\/aluga, N/A	default/cluer News
	allowedValues: N/A	defaultValue: None
		isNullable: False
barringIndication	23.008 clause 3.1.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	- II	
	allowedValues: N/A	defaultValue: None
		isNullable: False
listofauthorizedvisitedn	23.008 clause 3.1.4	type: String
etworkidentifiers	23.008 clause 3B.1.4	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	- II	
	allowedValues: N/A	isNullable: False
registrationStatus	23.008 clause 3.2.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. TV/A	isNullable: False
CCCTV	00.000 1 0.00	
sCSCFName	23.008 clause 3.2.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
diameterClientAddressofS	23 008 clause 3 2 3	type: String
	20.000 Gause 3.2.3	
CSCF		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
serverCapabilities	23.008 clause 3.4.1	type: String
SOT ACT CAPADITIONES	20.000 dauge o.t. i	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
initialFilterCriteriaLis	This attribute is a list which contains multiple items of	type: < <datatype>></datatype>
t	initialFilterCriteria (Ref. 23.008 clause 3.5.2)	multiplicity: 1*
Ĭ	111101a1F11CE1CI1CE11a (NGI. 23.000 Clause 3.3.2)	
		isOrdered: False
	It is a set of initialFilterCriteria (string)	isUnique: True
		defaultValue: None
	allowedValues: N/A	isNullable: True
	1	1

applicationServerInforma	23.008 clause 3.5.3	type: String
tion		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
serviceIndicationList	This attribute is a list which contains multiple items of	
Selvice indication in its	This attribute is a list which contains multiple items of	type: < <datatype>></datatype>
	serviceIndication (Ref. 23.008 clause 3.5.4)	multiplicity: 1*
		isOrdered: N/A
	It is a set of serviceIndication (string)	isUnique: N/A
		defaultValue: None
		isNullable: True
	allowedValues: N/A	
subscribedMediaProfileId	23 008 clause 3 6 1	type: String
entifier	20.000 0.000 0.0.1	multiplicity: 1
CHETTICI		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
primaryEventChargingFunc	23.008 clause 3.7.1	type: String
tionName	23.008 clause 3B.7.4	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
	allowed values. N/A	Ishullable. False
1		
secondaryEventChargingFu		type: String
nctionName	23.008 clause 3B.7.5	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
	allowed values. N/A	isivaliable. I alse
primaryChargingCollectio	22 000 clause 2 7 2	tuno. Ctring
nFunctionName	23.006 Clause 3.7.3	type: String
nrunctionname		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
secondaryChargingCollect	23.008 clause 3.7.4	type: String
ionFunctionName		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed\/aluga, N/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
gsmSCFaddressforIMCSI	23.008 clause 3.8.4	type: String
		multiplicity: 1
		isOrdered: N/A
	allowedValues: N/A	isUnique: N/A
	allowedValues: N/A	isUnique: N/A defaultValue: None
iMCCEnddrogaforIMCCT		isUnique: N/A defaultValue: None isNullable: False
iMSSFaddressforIMCSI	allowedValues: N/A 23.008 clause 3.8.5	isUnique: N/A defaultValue: None isNullable: False type: String
iMSSFaddressforIMCSI		isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1
iMSSFaddressforIMCSI		isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A
iMSSFaddressforIMCSI	23.008 clause 3.8.5	isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A
iMSSFaddressforIMCSI		isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A
iMSSFaddressforIMCSI	23.008 clause 3.8.5	isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A
	23.008 clause 3.8.5 allowedValues: N/A	isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
iMSSFaddressforIMCSI OIMCSI	23.008 clause 3.8.5	isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String
	23.008 clause 3.8.5 allowedValues: N/A	isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1
	23.008 clause 3.8.5 allowedValues: N/A	isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A
	23.008 clause 3.8.5 allowedValues: N/A 23.008 clause 3.8.1	isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A
	23.008 clause 3.8.5 allowedValues: N/A	isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False type: String multiplicity: 1 isOrdered: N/A

vTIMCSI	23.008 clause 3.8.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
dIMCS	23.008 clause 3.8.3	type: String
	20.000 01000 0.0.0	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
gAAServiceType	23.008 clause 3A.1	type: String
gAABCI VICCI YPC	23.000 Gause 3A. I	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
ann Commissa Talambi Eirea	00 000 -1 04 0	
gAAServiceIdentifier	23.008 clause 3A.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anomou valado. 14/1	isNullable: False
-Daties and a single	00.000 1 04.0	
gBAUserSecuritySettings	23.008 clause 3A.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IVA	
		isNullable: False
userSecuritySetting	23.008 clause 3A.4	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowed (always N/A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
userPublicIdentity	23.008 clause 3A.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	II D. I. ALIA	
	allowedValues: N/A	defaultValue: None
		isNullable: False
gAAAuthorizationflag	23.008 clause 3A.6	type: String
_		multiplicity: 1
		isOrdered: N/A
	II N/ 1 N/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
keyLifetime	23.008 clause 3A.8	type: String
⁻		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
uICCSecuritySetting	23.008 clause 3A.9	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
nAFGroupIdentity	23.008 clause 3A.11	type: String
	20.000 014400 0/1.11	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
		ויסו זעוומטוכ. ו מוסכ

w-APN	23.008 clause 3B.1.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anovou valuoo. 14/7 t	isNullable: False
3GPPAAAServerName	23.008 clause 3B.1.6	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
wLANUERemoteIPaddress	23.008 clause 3B.1.10	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
staticWLANUERemoteIPAddr	23.008 clause 3B.5.1.4	type: String
essList		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
w-APNBarringTypeList	23.008 clause 3B.5.1.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
w-APNChargingDataList	23.008 clause 3B.5.1.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anowou valado. 1471	
		isNullable: False
accessDependenceFlag	23.008 clause 3B.5.2	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
i-WLANAccessType	23.008 clause 3B.5.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
1 2 2	00 000 1 00 7 4 4	
chargingCharacteristics	23.008 clause 3B.7.1.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
	00.000 1 00.70	
primaryOCSChargingFuncti	23.008 clause 3B.7.2	type: String
onName		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
secondaryOCSChargingFunc	23.008 clause 3B.7.3	type: String
tionName		multiplicity: 1
		isOrdered: N/A
l .		isUnique: N/A
	allowed\/alues: N/A	default\/alue: None
	allowedValues: N/A	defaultValue: None isNullable: False

sS-Code	23.008 clause 2.6 29.002 clause 7.6.4.1 allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
	anomou valuos. 1471	ior validation i diag
provisioningState	23.008 clause 2.6 29.002 clause 7.6.4.2 allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
activationState	23.008 clause 2.6 29.002 clause 7.6.4.2 allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
	allowed values. N/A	isivaliable. I alse
registrationState	23.008 clause 2.6 29.002 clause 7.6.4.2 allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
overrideCategory	23.008 clause 2.6 29.002 clause 7.6.4.4 allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
cLIRestrictionOption	23.008 clause 2.6 29.002 clause 7.6.4.5 allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
forwarded-toNumber	23.008 clause 2.6 29.002 clause 7.6.2.22 allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
forwarded-toSubaddress	23.008 clause 2.6 29.002 clause 7.6.2.23 allowedValues: N/A	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
noReplyConditionTimer	23.008 clause 2.6 29.002 clause 7.6.4.7	type: String multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None
	allowedValues: N/A	isNullable: False

	1	
maximumEntitledPriority	23.008 clause 2.6	type: String
	29.002 clause 7.6.4.41	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
	allowed values. N/A	isivullable. Faise
defaultPriority	23.008 clause 2.6	type: String
	29.002 clause 7.6.4.41	multiplicity: 1
	25.002 614436 7.0.4.41	isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	= H = · · · = -!\ / = I · · = - · \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	allowedValues: N/A	isNullable: False
nbrUser	23.008 clause 2.6	type: String
IIDI OSCI	29.002 clause 7.6.4.47	multiplicity: 1
	29.002 clause 7.6.4.47	isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
nhrCD	22.000 aloues 2.0	August Chaire a
nbrSB	23.008 clause 2.6	type: String
	29.002 clause 7.6.4.47	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
		defaultValue: None
	allowedValues: N/A	isNullable: False
T 7 5	20,000,01	
TraceReference2	23.008 Clause 2.11.9	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
TraceDepth	23.008 Clause 2.11.10	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
ListofNeTypestoTrace	23.008 Clause 2.11.11	type: String
	20.000 0.0000 2.11111	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anoved values. IV/A	isNullable: False
TriggoringErrents	22 009 Clause 2 44 42	
TriggeringEvents	23.008 Clause 2.11.12	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
ListofInterfacestoTrace	23.008 Clause 2.11.13	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
iCSIndicator	23.008 Clause 2.20.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
		เอเงนแฉมเฮ. 1 สเจฮ

iCSIndicator	23.008 Clause 2.20.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
sTNSR	23.008 Clause 2.21.1	type: String
SINDI	23.000 Clause 2.21.1	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. 14/71	
		isNullable: False
3GPPAAAProxyName	23.008 Clause 3B.1.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	- II N I / A	
	allowedValues: N/A	defaultValue: None
		isNullable: False
w-APNIdentifierList	23.008 Clause 3B.5.1.1	type: String
1		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
maxNumberAccessesList	22.009 Clause 2D E 4 E	
maxNumberAccessesL1st	23.008 Clause 3B.5.1.5	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		isNullable: False
maxSubscribedBandwidth	23.008 Clause 3B.6.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
subscribed3GPPWLANQoSPro	22 009 Clause 3B 6 4	type: String
file	23.000 Clause 3D.0.4	
lille		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. 14/71	
		isNullable: False
userStatus	23.008 Clause 3B.2.1	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
rATType	23.008 Clause 2.13.75	type: String
1		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
i DAddmoggOfffree as Colline to	22.000 Clause 2.44.44	
iPAddressOfTraceCollecti	23.000 Clause 2.11.14	type: String
onEntity		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		isNullable: False
aPNConfigurationProfile	23.008 Clause 2.13.31	type: String
_		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
		וטו זעוומטוכ. ו מוטכ

pDNAddress	23.008 Clause 2.13.39	type: String
<u> </u>		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
permanentUserIdentity	23.008 Clause 2.13.79	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
visitedNetworkIdentifier	23.008 Clause 2.13.82	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mIPSubscriberProfile	23.008 Clause 2.13.86	type: String
	20.000 0.0000 2.10.00	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
aPNAMBR	23.008 Clause 2.13.32	type: String
	20.000 0.0000 2.10.02	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
contextIdentifier	23.008 Clause 2.13.38	type: String
	20.000 014400 2.10.00	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
aPNOIReplacement	23.008 Clause 2.13.29	type: String
	25.000 014430 2.10.25	multiplicity: 1
		1 .
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
subscribedUEAMBR	23.008 Clause 2.13.30	type: String
	20.000 010000 2.10.00	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
rFSP	23.008 Clause 2.13.33	type: String
	25.000 Glause 2.15.55	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
pDNGWIdentity	23.008 Clause 2.13.41	type: String
Privoviaciicicy	25.000 Clause 2.15.41	
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
a DCDDMCarrie a state of Classical	00 000 01 0 40 74	
ePSPDNConnectionCharging	23.008 Clause 2.13.71	type: String
Characteristics		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	allowed values. IV/A	
		isNullable: False

		T
pDNGWAllocationType	23.008 Clause 2.13.105	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
aPNLevelAPNOIReplacement	23.008 Clause 2.13.109	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
closedSubscriberGroupInf	23.008 Clause 2.4.22	type: String
ormation		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
roamingRestrictionDueToU	23.008 Clause 2.4.15.3a	type: String
nsupportedFeatureMME		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
	anomou v alabo. 14/1	isNullable: False
mSPurgedForEPSFlag	23.008 Clause 2.7.6A	type: String
limbi digedi oldi bi idg	23.000 Clause 2.7.0A	multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	 allowedValues: N/A	defaultValue: None
	allowed values. N/A	
DD DWWI	00 000 01 0 7 0 4	isNullable: False
uRRPMME	23.008 Clause 2.7.9.1	type: String
		multiplicity: 1
		isOrdered: N/A
	H N/ 1 N/A	isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
mMEName	23.008 Clause 2.13.26	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
sGSNName	23.008 Clause 2.13.100	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
iWFNumber	23.008 Clause 2.4.8.3	type: String
		multiplicity: 1
		isOrdered: N/A
		isUnique: N/A
	allowedValues: N/A	defaultValue: None
		isNullable: False
Attribute related to role		
theContract	Models the relationship to a subscribed service. The	type: DN
	relationship is between a service and a subscription to	multiplicity: 1*
	the same type of service (for example between	isOrdered: False
	CSService and CSSubscribedService). This	isUnique: True
	attribute contains a list of the DN(s) of the related	defaultValue: None
	SuMSubscribedService instance(s).	isNullable: True
		In tallable. True
	 allowedValues: N/A	
	anowou v alaco. 14/1	
ĺ.	I .	

theOffer	Models the relationship to a service. The relationship is between a service and a subscription to the same type of service (for example between CSService and CSSubscribedService). This attribute contains the DN of the related SuMService instance. allowedValues: N/A	type: DN multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: True
theService	Models the relationship to a service profile. The relationship is between a subscribed service and a service profile of the same type of service (for example between CSSubscribedService and CSServiceProfile). This attribute contains a list of the DN(s) of the related SuMServiceProfile instance(s).	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theSpecification	Models the relationship to a subscribed service. The relationship is between a subscribed service and a service profile of the same type of service (for example between CSSubscribedService and CSServiceProfile). This attribute contains the DN of the related SuMSubscribedService instance. allowedValues: N/A	type: DN multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: False
thePublicId		type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theMobileUserData	Models the relationship from a user to the user data of a mobile User Equipment. This attribute contains a list of the DN(s) of the related MobileUserData instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theServiceProfile	Models the relationship from the user data of a mobile User Equipment to a service profile or from a user's credentials to an IMS service profile. This attribute contains a list of the DN(s) of the related SuMServiceProfile derived instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theSubscriber	Models the relationship from a user to a subscriber. This attribute contains a list of the DN(s) of the related SuMSubscriberProfile instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theUser	Models the relationship from a subscriber profile or a Subscription Function to a user. This attribute contains a list of the DN(s) of the related SuMUser instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theCSSupplServiceForCS	Models the relationship from a CS service to a CS supplement service. This attribute contains a list of the DN(s) of the aggregated SuMCSSupplService instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True

theGPRSSupplServiceForGP RS	Models the relationship from a GPRS service to a GPRS supplement service. This attribute contains a list of the DN(s) of the aggregated SuMGPRSSupplService instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theCSSupplServiceForCSSS	Models the relationship from a CS subscribed service to a CS supplement service. This attribute contains a list of the DN(s) of the aggregated SuMCSSupplService instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theGPRSSupplServiceForGP RSSS	Models the relationship from a GPRS subscribed service to a GPRS supplement service. This attribute contains a list of the DN(s) of the aggregated SuMGPRSSupplService instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theCSSupplServiceForCSSP	Models the relationship from a CS service profile to a CS supplement service. This attribute contains a list of the DN(s) of the aggregated SuMCSSupplService instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theGPRSSupplServiceForGP RSSP		type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theSubscribedService	Models the relationship from a subscriber profile to a subscribed service. This attribute contains a list of the DN(s) of the aggregated SuMSubscribedService derived instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
thePublicId	Models the relationship from an IMS service profile to a public identification. This attribute contains a list of the DN(s) of the aggregated IMSPublicIdentification instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theSubscriberProfile	Models the relationship from a Subscription Function to a subscriber profile. This attribute contains a list of the DN(s) of the aggregated SuMSubscriberProfile instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theCredentials	Models the relationship from a user to a credential. This attribute contains a list of the DN(s) of the aggregated SuMCredentials instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None
theServiceProfile	Models the relationship from a user to a service profile. This attribute contains a list of the DN(s) of the aggregated SuMServiceProfile instance(s). allowedValues: N/A	isNullable: True type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True

theIdentity	Models the relationship from a user to an identity. This attribute contains a list of DN(s) of the related SuMIdentity instance(s).	type: DN multiplicity: 1* isOrdered: False isUnique: True
	allowedValues: N/A	defaultValue: None isNullable: True
theServerCapabilities	Models the relationship from a SuM IOC object instance (E.g., IMSService, IMSSubscribedService, IMSServiceProfile) to one or more Server Capabilities object instance(s). allowedValues: N/A	type: DN multiplicity: 1* isOrdered: False isUnique: True defaultValue: None isNullable: True
theIWANPar	Models the relationship between the common packet access service parameters and the I-WAN service parameters. This attribute contains the DN of the related IWANParameters instance. allowedValues: N/A	type: DN multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: True
theOptHandover3GPP2Par	Models the relationship between the EPS service profile when designed for optimal handover to a 3GPP2 access network. This attribute contains the DN of the related OptHandover3GPP2Parameters instance. allowedValues: N/A	type: DN multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: True
theNon3GPPAccessPar	Models the relationship between the EPS service profile and another set of service parameters needed to when access is via a non 3GPP network. This attribute contains the DN of the related Non3GPPAccessParameters instance. allowedValues: N/A	type: DN multiplicity: 1 isOrdered: N/A isUnique: N/A defaultValue: None isNullable: True

4.4.2 Constraints

None.

4.5 Common notifications

Annex A (informative): Change history

Change history										
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Cat	Old	New		
2013-02					First draft	-	-	0.1.0		
2013-03	SA#59	SP-130071			MCC editorial cleanup and sent for information and approval		0.1.0	1.0.0		
2013-03					Approved version		1.0.0	11.0.0		
2013-06					Editorial changes (MCC): removal of blank page on page 2		11.0.0	11.0.1		

History

Document history							
V11.0.0	April 2013	Publication (Withdrawn)					
V11.0.1	July 2013	Publication					